

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074943.D
 Acq On : 20 Oct 2022 15:40
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:05:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	461059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	827400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	923685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	669285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	575307	51.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.880%			
35) Dibromofluoromethane	8.171	113	459863	50.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	10.571	98	1819051	50.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.847	95	662268	63.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 127.140%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	304784	39.534	ug/l	100
3) Chloromethane	2.377	50	371412	33.045	ug/l	100
4) Vinyl Chloride	2.524	62	555874	31.338	ug/l	100
5) Bromomethane	2.924	94	446667	25.938	ug/l	100
6) Chloroethane	3.106	64	427844	26.488	ug/l	100
7) Trichlorofluoromethane	3.495	101	574604	46.598	ug/l	100
8) Diethyl Ether	3.971	74	233360	42.677	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	342915	45.708	ug/l	100
10) Methyl Iodide	4.595	142	484200	46.479	ug/l	100
11) Tert butyl alcohol	5.536	59	605356	234.043	ug/l	100
12) 1,1-Dichloroethene	4.347	96	308761	42.408	ug/l	100
13) Acrolein	4.189	56	307058	180.859	ug/l	100
14) Allyl chloride	5.036	41	510196m	38.319	ug/l	
15) Acrylonitrile	5.736	53	1254476	209.052	ug/l	100
16) Acetone	4.442	43	1076824	209.390	ug/l	100
17) Carbon Disulfide	4.718	76	636082	39.873	ug/l	100
18) Methyl Acetate	5.042	43	690292	37.871	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	1411442	50.054	ug/l	100
20) Methylene Chloride	5.289	84	403765	38.833	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	350136	43.997	ug/l	100
22) Diisopropyl ether	6.683	45	1199174	42.168	ug/l	100
23) Vinyl Acetate	6.612	43	4939329m	216.222	ug/l	
24) 1,1-Dichloroethane	6.577	63	735585	44.214	ug/l	100
25) 2-Butanone	7.488	43	1724176	206.095	ug/l	100
26) 2,2-Dichloropropane	7.506	77	710558	53.771	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	472206	46.670	ug/l	100
28) Bromochloromethane	7.818	49	327914	43.926	ug/l	100
29) Tetrahydrofuran	7.847	42	1092165	194.301	ug/l	100
30) Chloroform	7.971	83	827716	48.270	ug/l	100
31) Cyclohexane	8.265	56	554075	40.681	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	749297	51.568	ug/l	100
36) 1,1-Dichloropropene	8.371	75	543331	44.019	ug/l	100
37) Ethyl Acetate	7.565	43	643957	38.871	ug/l	100
38) Carbon Tetrachloride	8.365	117	621079	50.578	ug/l	100
39) Methylcyclohexane	9.600	83	674384	48.024	ug/l	100
40) Benzene	8.612	78	1727189	43.654	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074943.D
 Acq On : 20 Oct 2022 15:40
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:05:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	334774	38.444	ug/l	100
42) 1,2-Dichloroethane	8.677	62	642178	48.480	ug/l	100
43) Isopropyl Acetate	8.694	43	1053226	39.312	ug/l	100
44) Trichloroethene	9.359	130	410393	45.919	ug/l	100
45) 1,2-Dichloropropane	9.624	63	447013	41.739	ug/l	100
46) Dibromomethane	9.712	93	331330	48.184	ug/l	100
47) Bromodichloromethane	9.888	83	683051	49.511	ug/l	100
48) Methyl methacrylate	9.682	41	468497	39.083	ug/l	100
49) 1,4-Dioxane	9.700	88	280206	1041.926	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	3600194	207.690	ug/l	100
52) Toluene	10.629	92	1166635	47.906	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	719472	50.826	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	743989	48.709	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	501403	49.728	ug/l	100
56) Ethyl methacrylate	10.876	69	763230	47.561	ug/l	100
57) 1,3-Dichloropropane	11.165	76	823579	46.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1674152	254.207	ug/l	100
59) 2-Hexanone	11.194	43	2780814	218.128	ug/l	100
60) Dibromochloromethane	11.359	129	534287	54.150	ug/l	100
61) 1,2-Dibromoethane	11.471	107	501282	51.281	ug/l	100
64) Tetrachloroethene	11.106	164	319798	41.638	ug/l	100
65) Chlorobenzene	11.894	112	1275126	48.625	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	500133	51.475	ug/l	100
67) Ethyl Benzene	11.965	91	2353362	51.052	ug/l	100
68) m/p-Xylenes	12.070	106	1856146	106.385	ug/l	100
69) o-Xylene	12.400	106	943180	52.014	ug/l	100
70) Styrene	12.412	104	1568590	55.593	ug/l	100
71) Bromoform	12.582	173	389372	56.592	ug/l #	100
73) Isopropylbenzene	12.694	105	2417782	40.649	ug/l	100
74) N-amyl acetate	12.494	43	954879	32.494	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	855597	36.869	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	758944m	45.116	ug/l	100
77) Bromobenzene	12.982	156	529074	39.934	ug/l	100
78) n-propylbenzene	13.035	91	2833300	42.450	ug/l	100
79) 2-Chlorotoluene	13.129	91	1711565	45.049	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	2146075	46.140	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	279221	44.922	ug/l	100
82) 4-Chlorotoluene	13.129	91	1711565	45.049	ug/l	100
83) tert-Butylbenzene	13.441	119	1913233	44.206	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	2198498	49.402	ug/l	100
85) sec-Butylbenzene	13.617	105	2767907	47.064	ug/l	100
86) p-Isopropyltoluene	13.729	119	2303747	51.775	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1107752	50.147	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	1103441	49.757	ug/l	100
89) n-Butylbenzene	14.059	91	1991456	54.064	ug/l	100
90) Hexachloroethane	14.335	117	420897	44.991	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	1112431	49.944	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	202046	54.080	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	506777	46.069	ug/l	100
94) Hexachlorobutadiene	15.500	225	238962	42.470	ug/l	100
95) Naphthalene	15.641	128	1996478	48.618	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	500339	44.597	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
Data File : VN074943.D
Acq On : 20 Oct 2022 15:40
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:05:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 03:02:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

Abundance

TIC: VN074943.D\data.ms

Time-->

7500000

7000000

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

Acetone, T

Carbon Disulfide, T

Methyl iodide, T

Methylene Chloride, T

Methyl acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

1,1-Dichloroethane, T

Diisopropyl ether, T

Vinyl Acetate, T

2,2-Dichloropropene, T

Methacrylonitrile, T

Chloroform, C

2,2-Dichloropropane, T

Carbon Disulfide, T

1,2-Dichloroethane, T

1,3-Dichloropropane, T

1,4-Difluorobenzene, T

Trichloroethene, TM

Bromochloromethane, T

2-Bromochloroethane, T

2-Chloroethanol, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

2-Hexanone, T

1,2-Dibromochloromethane, T

Chlorobenzene, PM

1,2-Dichlorobenzene, PM

Bromobenzene, T

N-ethyl acetate, T

Styrene, T

Isopropylbenzene, T

trans-1,4-Dichlorocyclohexane, T

1,1,2,2-Tetrachloroethane, T

1,1,2,2-Tetrachloroethane, T

1,2-Dichlorobenzene, T

1,3,5-Trimethylbenzene, T

1,2,4-Trimethylbenzene, T

sec-Butylbenzene, T

tert-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

1,2,3-Trichlorobenzene, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T