

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075703.D
 Acq On : 10 Dec 2022 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:59:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	199701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	311508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119775	56.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	8.171	113	110721	55.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.400%			
50) Toluene-d8	10.571	98	428535	56.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.780%#			
62) 4-Bromofluorobenzene	12.853	95	155428	60.353	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70801	48.204	ug/l	98
3) Chloromethane	2.377	50	85913	49.095	ug/l	96
4) Vinyl Chloride	2.524	62	107558	50.037	ug/l	98
5) Bromomethane	2.959	94	87250	47.658	ug/l	97
6) Chloroethane	3.130	64	78286	48.812	ug/l	100
7) Trichlorofluoromethane	3.512	101	162772	52.191	ug/l	99
8) Diethyl Ether	3.977	74	60201	52.799	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	92754	50.676	ug/l	98
10) Methyl Iodide	4.606	142	153039	51.166	ug/l	99
11) Tert butyl alcohol	5.536	59	71004	226.514	ug/l	99
12) 1,1-Dichloroethene	4.353	96	91789	53.653	ug/l	95
13) Acrolein	4.189	56	95410	264.279	ug/l	99
14) Allyl chloride	5.042	41	113096m	53.085	ug/l	
15) Acrylonitrile	5.736	53	213014	263.083	ug/l	99
16) Acetone	4.442	43	162763	226.825	ug/l	97
17) Carbon Disulfide	4.724	76	236889	52.330	ug/l	98
18) Methyl Acetate	5.042	43	113453	49.204	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	309476	53.776	ug/l	95
20) Methylene Chloride	5.294	84	105862	49.488	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	102326	53.522	ug/l	95
22) Diisopropyl ether	6.677	45	267458	55.176	ug/l	98
23) Vinyl Acetate	6.618	43	1018774m	275.621	ug/l	
24) 1,1-Dichloroethane	6.583	63	172338	54.011	ug/l	100
25) 2-Butanone	7.488	43	264121	251.787	ug/l	100
26) 2,2-Dichloropropane	7.494	77	112126	41.203	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	121946	52.540	ug/l	99
28) Bromochloromethane	7.818	49	72190	56.586	ug/l	99
29) Tetrahydrofuran	7.841	42	176065	272.309	ug/l	100
30) Chloroform	7.971	83	194868	55.137	ug/l	97
31) Cyclohexane	8.259	56	156275	49.814	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	176538	54.142	ug/l	99
36) 1,1-Dichloropropene	8.377	75	145402	54.596	ug/l	99
37) Ethyl Acetate	7.571	43	111064	51.941	ug/l	100
38) Carbon Tetrachloride	8.371	117	159505	51.901	ug/l	99
39) Methylcyclohexane	9.606	83	180336	53.400	ug/l	97
40) Benzene	8.612	78	428890	52.475	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075703.D
 Acq On : 10 Dec 2022 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:59:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59695	54.446	ug/l	99
42) 1,2-Dichloroethane	8.677	62	142120	51.980	ug/l	99
43) Isopropyl Acetate	8.694	43	192828	54.018	ug/l	99
44) Trichloroethene	9.359	130	118799	51.523	ug/l	91
45) 1,2-Dichloropropane	9.624	63	103066	53.021	ug/l	97
46) Dibromomethane	9.712	93	79195	54.265	ug/l	98
47) Bromodichloromethane	9.888	83	154244	53.904	ug/l	98
48) Methyl methacrylate	9.682	41	87645	53.309	ug/l	98
49) 1,4-Dioxane	9.700	88	38223	956.404	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	599727	272.459	ug/l	100
52) Toluene	10.635	92	293425	54.315	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	156384	55.336	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	166236	52.871	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	113028	53.213	ug/l	95
56) Ethyl methacrylate	10.876	69	159868	55.546	ug/l	100
57) 1,3-Dichloropropane	11.165	76	183305	53.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	223287	262.756	ug/l	99
59) 2-Hexanone	11.200	43	429698	268.698	ug/l	99
60) Dibromochloromethane	11.359	129	131302	56.176	ug/l	100
61) 1,2-Dibromoethane	11.471	107	116542	52.369	ug/l	98
64) Tetrachloroethene	11.106	164	103983	45.827	ug/l	98
65) Chlorobenzene	11.894	112	319486	49.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	120509	51.678	ug/l	98
67) Ethyl Benzene	11.965	91	571433	52.702	ug/l	98
68) m/p-Xylenes	12.070	106	461720	105.389	ug/l	100
69) o-Xylene	12.400	106	227389	53.486	ug/l	100
70) Styrene	12.412	104	378428	55.499	ug/l	100
71) Bromoform	12.582	173	97640	55.240	ug/l #	99
73) Isopropylbenzene	12.700	105	593871	48.461	ug/l	100
74) N-amyl acetate	12.494	43	179147	50.313	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	166227	45.155	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	139446m	40.684	ug/l	
77) Bromobenzene	12.982	156	146094	47.405	ug/l	97
78) n-propylbenzene	13.041	91	689306	50.690	ug/l	100
79) 2-Chlorotoluene	13.129	91	395195	47.074	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	511269	49.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	43701	41.995	ug/l	98
82) 4-Chlorotoluene	13.129	91	395195	47.074	ug/l	100
83) tert-Butylbenzene	13.441	119	450684	48.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	509755	49.503	ug/l	100
85) sec-Butylbenzene	13.617	105	650539	50.931	ug/l	100
86) p-Isopropyltoluene	13.735	119	556529	52.073	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	277337	48.120	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	277680	47.366	ug/l	99
89) n-Butylbenzene	14.059	91	466798	54.495	ug/l	99
90) Hexachloroethane	14.335	117	93327	50.981	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	268688	46.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29034	47.997	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	147230	53.472	ug/l	99
94) Hexachlorobutadiene	15.506	225	73956	47.341	ug/l	99
95) Naphthalene	15.641	128	416403	51.169	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	141059	52.138	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
Data File : VN075703.D
Acq On : 10 Dec 2022 10:20
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:59:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration

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

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

