

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075806.D
 Acq On : 15 Dec 2022 07:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 08:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	288701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	430018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	176606	56.230	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.460%			
35) Dibromofluoromethane	8.177	113	158934	53.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.571	98	581175	51.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.853	95	197977	53.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	89412	43.618	ug/l	94
3) Chloromethane	2.377	50	112094	43.976	ug/l	99
4) Vinyl Chloride	2.530	62	131841	43.361	ug/l	96
5) Bromomethane	2.948	94	112955	43.712	ug/l	96
6) Chloroethane	3.124	64	99000	43.968	ug/l	94
7) Trichlorofluoromethane	3.506	101	199925	43.333	ug/l	95
8) Diethyl Ether	3.971	74	88957	52.789	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	120188	45.620	ug/l	99
10) Methyl Iodide	4.600	142	212591	49.722	ug/l	100
11) Tert butyl alcohol	5.530	59	116109	261.260	ug/l	100
12) 1,1-Dichloroethene	4.359	96	117846	46.057	ug/l	99
13) Acrolein	4.189	56	143909	264.129	ug/l	100
14) Allyl chloride	5.036	41	143941	48.123	ug/l	93
15) Acrylonitrile	5.730	53	317608	261.881	ug/l	100
16) Acetone	4.442	43	239576	221.278	ug/l	98
17) Carbon Disulfide	4.718	76	276484	44.629	ug/l	98
18) Methyl Acetate	5.036	43	162117	50.656	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	461625	54.785	ug/l	96
20) Methylene Chloride	5.283	84	148355	51.238	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	134110	47.859	ug/l	97
22) Diisopropyl ether	6.683	45	391570	53.889	ug/l	100
23) Vinyl Acetate	6.612	43	1330362	272.018	ug/l	100
24) 1,1-Dichloroethane	6.577	63	241367	49.808	ug/l	98
25) 2-Butanone	7.488	43	395798	261.086	ug/l	96
26) 2,2-Dichloropropane	7.494	77	161494	39.352	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	170293	50.812	ug/l	99
28) Bromochloromethane	7.818	49	103294	48.632	ug/l	100
29) Tetrahydrofuran	7.841	42	256294	269.778	ug/l	99
30) Chloroform	7.971	83	272845	50.007	ug/l	96
31) Cyclohexane	8.265	56	198442	44.116	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	233508	48.274	ug/l	99
36) 1,1-Dichloropropene	8.377	75	184053	46.325	ug/l	99
37) Ethyl Acetate	7.571	43	157284	49.284	ug/l	99
38) Carbon Tetrachloride	8.365	117	200362	45.057	ug/l	97
39) Methylcyclohexane	9.606	83	224819	46.903	ug/l	99
40) Benzene	8.612	78	596038	48.622	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075806.D
 Acq On : 15 Dec 2022 07:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 08:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	88108	53.114	ug/l	98
42) 1,2-Dichloroethane	8.677	62	201049	49.332	ug/l	100
43) Isopropyl Acetate	8.694	43	280803	53.340	ug/l	99
44) Trichloroethene	9.353	130	157072	45.483	ug/l	97
45) 1,2-Dichloropropane	9.624	63	146711	49.182	ug/l	97
46) Dibromomethane	9.712	93	111577	50.430	ug/l	99
47) Bromodichloromethane	9.888	83	218940	50.460	ug/l	99
48) Methyl methacrylate	9.682	41	129117	54.455	ug/l	97
49) 1,4-Dioxane	9.700	88	58847	1009.539	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	852303	267.708	ug/l	99
52) Toluene	10.635	92	391022	48.978	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	216410	50.953	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	235875	50.582	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	158314	50.521	ug/l	98
56) Ethyl methacrylate	10.876	69	228215	54.829	ug/l	98
57) 1,3-Dichloropropane	11.165	76	263246	51.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	318249	240.153	ug/l	98
59) 2-Hexanone	11.200	43	618958	266.588	ug/l	100
60) Dibromochloromethane	11.359	129	175112	50.249	ug/l	97
61) 1,2-Dibromoethane	11.470	107	163964	51.705	ug/l	100
64) Tetrachloroethene	11.106	164	130672	43.184	ug/l	95
65) Chlorobenzene	11.894	112	424365	48.081	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	163931	50.145	ug/l	100
67) Ethyl Benzene	11.965	91	764407	51.316	ug/l	100
68) m/p-Xylenes	12.070	106	600866	101.913	ug/l	99
69) o-Xylene	12.400	106	305147	52.300	ug/l	100
70) Styrene	12.412	104	492890	53.130	ug/l	99
71) Bromoform	12.582	173	127934	53.781	ug/l #	100
73) Isopropylbenzene	12.700	105	760540	49.747	ug/l	100
74) N-amyl acetate	12.494	43	250238	55.794	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	229167	48.489	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	195186m	45.770	ug/l	
77) Bromobenzene	12.982	156	189987	49.104	ug/l	98
78) n-propylbenzene	13.041	91	851154	50.478	ug/l	99
79) 2-Chlorotoluene	13.129	91	519916	49.395	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	660248	51.600	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	57288	48.354	ug/l	89
82) 4-Chlorotoluene	13.129	91	519916	49.395	ug/l	100
83) tert-Butylbenzene	13.441	119	562763	49.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	674539	53.140	ug/l	99
85) sec-Butylbenzene	13.617	105	781976	50.220	ug/l	100
86) p-Isopropyltoluene	13.729	119	665172	51.339	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	346496	48.482	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	345838	47.368	ug/l	99
89) n-Butylbenzene	14.059	91	514235	48.991	ug/l	99
90) Hexachloroethane	14.335	117	117311	50.616	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	351002	49.860	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39318	46.884	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	170180	48.829	ug/l	100
94) Hexachlorobutadiene	15.506	225	81122	42.663	ug/l	99
95) Naphthalene	15.641	128	562212	48.881	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	166782	51.200	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
Data File : VN075806.D
Acq On : 15 Dec 2022 07:39
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 08:13:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075806.D
 Acq On : 15 Dec 2022 07:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 08:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

