

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069709.D
 Acq On : 3 Dec 2021 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:27:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1213210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1960818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1841630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	797012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	870810	46.488	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.980%		
35) Dibromofluoromethane	8.018	113	603513	49.137	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.280%		
50) Toluene-d8	10.440	98	2423303	49.137	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.280%		
62) 4-Bromofluorobenzene	12.731	95	895479	50.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	784912	55.470	ug/l	100
3) Chloromethane	2.303	50	878765	49.570	ug/l	99
4) Vinyl Chloride	2.451	62	846541	51.933	ug/l	98
5) Bromomethane	2.853	94	493676	55.746	ug/l	97
6) Chloroethane	3.022	64	504281	50.485	ug/l	98
7) Trichlorofluoromethane	3.376	101	1129998	52.819	ug/l	99
8) Diethyl Ether	3.824	74	424727	51.546	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	659533	54.996	ug/l	96
10) Methyl Iodide	4.422	142	872443	53.253	ug/l	97
11) Tert butyl alcohol	5.374	59	692559	195.594	ug/l	99
12) 1,1-Dichloroethene	4.181	96	606210	52.457	ug/l	89
13) Acrolein	4.038	56	632064	209.619	ug/l	99
14) Allyl chloride	4.840	41	1340176	51.465	ug/l	96
15) Acrylonitrile	5.554	53	2115844	221.759	ug/l	98
16) Acetone	4.285	43	2972606	263.806	ug/l	97
17) Carbon Disulfide	4.529	76	1650099	55.269	ug/l	99
18) Methyl Acetate	4.854	43	1490157	43.812	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	2315975	51.542	ug/l	96
20) Methylene Chloride	5.095	84	731678	48.845	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	649652	51.757	ug/l	86
22) Diisopropyl ether	6.495	45	2689383	52.839	ug/l	96
23) Vinyl Acetate	6.433	43	10880663	262.765	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1378305	52.277	ug/l	98
25) 2-Butanone	7.335	43	3587527	234.324	ug/l	92
26) 2,2-Dichloropropane	7.324	77	1137294	55.479	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	787222	51.910	ug/l	86
28) Bromochloromethane	7.656	49	687521	50.146	ug/l #	79
29) Tetrahydrofuran	7.683	42	2035513	218.951	ug/l	89
30) Chloroform	7.817	83	1376322	51.688	ug/l	99
31) Cyclohexane	8.094	56	1360993	52.209	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1206076	53.174	ug/l	96
36) 1,1-Dichloropropene	8.220	75	1041563	55.799	ug/l	97
37) Ethyl Acetate	7.412	43	1261173	45.394	ug/l	96
38) Carbon Tetrachloride	8.206	117	1019371	55.689	ug/l	99
39) Methylcyclohexane	9.459	83	1319182	59.414	ug/l	90
40) Benzene	8.458	78	3077743	53.943	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069709.D
 Acq On : 3 Dec 2021 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 05:27:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	650139	49.850	ug/l	88
42) 1,2-Dichloroethane	8.531	62	1224702	53.173	ug/l	96
43) Isopropyl Acetate	8.560	43	2063943	50.201	ug/l #	94
44) Trichloroethene	9.215	130	760541	55.848	ug/l	93
45) 1,2-Dichloropropane	9.488	63	826921	53.971	ug/l	100
46) Dibromomethane	9.577	93	538819	53.622	ug/l	92
47) Bromodichloromethane	9.762	83	1064244	55.939	ug/l	99
48) Methyl methacrylate	9.558	41	1034079	53.895	ug/l #	81
49) 1,4-Dioxane	9.566	88	289238	840.151	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	6456607	242.079	ug/l	95
52) Toluene	10.505	92	1913588	54.935	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1178789	51.423	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1263886	52.516	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	750979	53.433	ug/l	98
56) Ethyl methacrylate	10.759	69	1266182	47.849	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1316074	53.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1289909	185.261	ug/l	92
59) 2-Hexanone	11.084	43	4904273	243.072	ug/l	94
60) Dibromochloromethane	11.237	129	769992	51.078	ug/l	100
61) 1,2-Dibromoethane	11.344	107	773907	53.163	ug/l	100
64) Tetrachloroethene	10.977	164	693470	55.533	ug/l	95
65) Chlorobenzene	11.768	112	2045595	54.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	732873	55.732	ug/l	99
67) Ethyl Benzene	11.843	91	3846850	56.683	ug/l	96
68) m/p-Xylenes	11.953	106	2827665	114.432	ug/l	92
69) o-Xylene	12.280	106	1413094	56.773	ug/l	93
70) Styrene	12.294	104	2277676	57.709	ug/l	96
71) Bromoform	12.457	173	554600	49.348	ug/l #	100
73) Isopropylbenzene	12.578	105	3726131	52.546	ug/l	98
74) N-amyl acetate	12.387	43	1515176	48.316	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1145992	46.734	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	974387m	42.631	ug/l	
77) Bromobenzene	12.859	156	842444	50.578	ug/l	80
78) n-propylbenzene	12.918	91	4327733	54.845	ug/l	96
79) 2-Chlorotoluene	13.007	91	2597452	52.095	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	3089561	54.131	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	335757	48.234	ug/l	96
82) 4-Chlorotoluene	13.103	91	2524703	53.843	ug/l	93
83) tert-Butylbenzene	13.323	119	2687826	53.183	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	3018586	55.533	ug/l	98
85) sec-Butylbenzene	13.500	105	3797587	55.398	ug/l	97
86) p-Isopropyltoluene	13.616	119	3056873	57.049	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1478274	54.024	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1437544	53.459	ug/l	97
89) n-Butylbenzene	13.943	91	2550873	58.686	ug/l	98
90) Hexachloroethane	14.211	117	522893	55.582	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1401274	52.558	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	203594	45.947	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	652890	49.933	ug/l	99
94) Hexachlorobutadiene	15.370	225	392274	55.517	ug/l	99
95) Naphthalene	15.507	128	1580347	41.325	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	605199	47.611	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069709.D
 Acq On : 3 Dec 2021 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:27:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

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

