

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069502.D
 Acq On : 15 Nov 2021 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:55:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1171210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1982011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1879778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	835213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	839728	49.448	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.900%		
35) Dibromofluoromethane	8.021	113	602080	50.649	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.300%		
50) Toluene-d8	10.440	98	2370699	50.708	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.731	95	869255	50.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	546973	43.714	ug/l	100
3) Chloromethane	2.303	50	604219	41.638	ug/l	97
4) Vinyl Chloride	2.445	62	620956	42.737	ug/l	97
5) Bromomethane	2.842	94	360174	38.168	ug/l	99
6) Chloroethane	3.014	64	405325	41.329	ug/l	96
7) Trichlorofluoromethane	3.373	101	934662	41.622	ug/l	98
8) Diethyl Ether	3.824	74	326202	44.898	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	470220	44.452	ug/l	94
10) Methyl Iodide	4.417	142	618968	47.707	ug/l	98
11) Tert butyl alcohol	5.379	59	690303	225.584	ug/l	98
12) 1,1-Dichloroethene	4.178	96	421454	44.398	ug/l	90
13) Acrolein	4.041	56	95864	220.443	ug/l	100
14) Allyl chloride	4.838	41	967403	46.095	ug/l	94
15) Acrylonitrile	5.554	53	1934778	246.899	ug/l	98
16) Acetone	4.288	43	1826584	199.355	ug/l	97
17) Carbon Disulfide	4.527	76	869285	38.740	ug/l	98
18) Methyl Acetate	4.856	43	1410835	47.368	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	1960509	48.801	ug/l	96
20) Methylene Chloride	5.093	84	572439	44.059	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	486402	45.876	ug/l	88
22) Diisopropyl ether	6.498	45	2192960	48.507	ug/l	96
23) Vinyl Acetate	6.433	43	8723472	249.482	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1085359	47.134	ug/l	98
25) 2-Butanone	7.337	43	2916010	235.034	ug/l	93
26) 2,2-Dichloropropane	7.327	77	797487	44.264	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	629581	47.901	ug/l	89
28) Bromochloromethane	7.659	49	599134	50.807	ug/l #	81
29) Tetrahydrofuran	7.686	42	1905197	250.232	ug/l	90
30) Chloroform	7.820	83	1137430	48.182	ug/l	100
31) Cyclohexane	8.094	56	967790	41.714	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	942179	47.815	ug/l	95
36) 1,1-Dichloropropene	8.222	75	770832	46.220	ug/l	97
37) Ethyl Acetate	7.415	43	1150233	51.021	ug/l	96
38) Carbon Tetrachloride	8.206	117	768938	47.757	ug/l	97
39) Methylcyclohexane	9.459	83	928296	44.745	ug/l	92
40) Benzene	8.461	78	2431874	47.242	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069502.D
 Acq On : 15 Nov 2021 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 16 00:55:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	561537	48.205	ug/l	92
42) 1,2-Dichloroethane	8.531	62	973447	48.295	ug/l	97
43) Isopropyl Acetate	8.560	43	1849830	51.085	ug/l	93
44) Trichloroethene	9.215	130	579634	47.048	ug/l	94
45) 1,2-Dichloropropane	9.491	63	676752	49.206	ug/l	99
46) Dibromomethane	9.577	93	439030	47.658	ug/l	93
47) Bromodichloromethane	9.762	83	868929	50.548	ug/l	100
48) Methyl methacrylate	9.561	41	837221	49.143	ug/l	91
49) 1,4-Dioxane	9.569	88	281881	841.347	ug/l #	88
51) 4-Methyl-2-Pentanone	10.330	43	6093915	260.723	ug/l	96
52) Toluene	10.505	92	1544184	48.151	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	908236	43.342	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	988867	44.593	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	646464	50.007	ug/l	98
56) Ethyl methacrylate	10.759	69	1098958	45.310	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1122033	49.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1327697	215.415	ug/l	93
59) 2-Hexanone	11.084	43	4435126	225.538	ug/l	94
60) Dibromochloromethane	11.237	129	627867	44.529	ug/l	100
61) 1,2-Dibromoethane	11.347	107	664279	46.122	ug/l	98
64) Tetrachloroethene	10.977	164	493672	43.494	ug/l	96
65) Chlorobenzene	11.771	112	1669636	47.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	617106	50.849	ug/l	100
67) Ethyl Benzene	11.843	91	3092354	47.920	ug/l	97
68) m/p-Xylenes	11.953	106	2273090	95.775	ug/l	94
69) o-Xylene	12.280	106	1152160	48.695	ug/l	94
70) Styrene	12.294	104	1890993	44.679	ug/l	96
71) Bromoform	12.457	173	450792	43.274	ug/l #	100
73) Isopropylbenzene	12.578	105	3068082	46.136	ug/l	98
74) N-amyl acetate	12.387	43	1425760	50.590	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1075541	47.954	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	899713m	46.678	ug/l	
77) Bromobenzene	12.859	156	705084	46.360	ug/l	80
78) n-propylbenzene	12.921	91	3472963	46.413	ug/l	97
79) 2-Chlorotoluene	13.007	91	2115721	45.665	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2495697	46.423	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	268202	42.413	ug/l	94
82) 4-Chlorotoluene	13.104	91	2039282	46.173	ug/l	93
83) tert-Butylbenzene	13.323	119	2255400	47.874	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	2458736	47.375	ug/l	98
85) sec-Butylbenzene	13.500	105	3096612	47.054	ug/l	97
86) p-Isopropyltoluene	13.616	119	2492331	47.707	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1236410	46.891	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1188882	45.960	ug/l	98
89) n-Butylbenzene	13.943	91	2036730	46.750	ug/l	98
90) Hexachloroethane	14.211	117	423446	44.352	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	1205481	48.045	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	188305	45.332	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	543621	41.889	ug/l	98
94) Hexachlorobutadiene	15.370	225	313645	48.110	ug/l	100
95) Naphthalene	15.507	128	1569479	43.013	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	537291	43.199	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
Data File : VN069502.D
Acq On : 15 Nov 2021 19:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:55:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

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

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

