

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070690.D
 Acq On : 19 Jan 2022 10:49
 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 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	819603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1337871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1258716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	546666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	577138	49.134	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.260%
35) Dibromofluoromethane	8.019	113	415351	50.049	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.100%
50) Toluene-d8	10.441	98	1713916	49.024	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.728	95	639726	51.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	437239	46.167	ug/l	99
3) Chloromethane	2.303	50	625911	45.212	ug/l	99
4) Vinyl Chloride	2.451	62	606718	46.079	ug/l	97
5) Bromomethane	2.853	94	360171	52.521	ug/l	99
6) Chloroethane	3.022	64	380361	46.291	ug/l	98
7) Trichlorofluoromethane	3.382	101	744938	49.525	ug/l	98
8) Diethyl Ether	3.824	74	310548	47.264	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	416919	45.861	ug/l	94
10) Methyl Iodide	4.422	142	576902	49.211	ug/l	99
11) Tert butyl alcohol	5.369	59	457196	215.743	ug/l	98
12) 1,1-Dichloroethene	4.183	96	404758	44.640	ug/l	91
13) Acrolein	4.039	56	690189	227.089	ug/l	100
14) Allyl chloride	4.841	41	968531	49.025	ug/l #	84
15) Acrylonitrile	5.551	53	1547677	229.574	ug/l	99
16) Acetone	4.283	43	1887715	231.544	ug/l	98
17) Carbon Disulfide	4.529	76	1167811	47.423	ug/l	99
18) Methyl Acetate	4.851	43	706479	44.063	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1618065	49.954	ug/l	95
20) Methylene Chloride	5.095	84	501187	46.670	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	444618	48.722	ug/l	86
22) Diisopropyl ether	6.495	45	1937870	49.489	ug/l #	90
23) Vinyl Acetate	6.431	43	8291246	249.784	ug/l	95
24) 1,1-Dichloroethane	6.385	63	942390	48.112	ug/l	98
25) 2-Butanone	7.332	43	2380851	232.076	ug/l	92
26) 2,2-Dichloropropane	7.321	77	738092	49.148	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	520651	48.028	ug/l	85
28) Bromochloromethane	7.657	49	430468	48.949	ug/l #	74
29) Tetrahydrofuran	7.681	42	1423327	226.587	ug/l	87
30) Chloroform	7.818	83	897531	46.892	ug/l	99
31) Cyclohexane	8.094	56	950459	45.952	ug/l	85
32) 1,1,1-Trichloroethane	8.013	97	746895	49.126	ug/l	98
36) 1,1-Dichloropropene	8.220	75	688066	49.250	ug/l	95
37) Ethyl Acetate	7.410	43	838527	45.208	ug/l	97
38) Carbon Tetrachloride	8.206	117	621805	50.030	ug/l	99
39) Methylcyclohexane	9.459	83	861417	49.944	ug/l	88
40) Benzene	8.459	78	2092197	48.330	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070690.D
 Acq On : 19 Jan 2022 10:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 20 03:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	437492	46.362	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	730534	48.669	ug/l	99
43) Isopropyl Acetate	8.558	43	1365458	48.198	ug/l #	96
44) Trichloroethene	9.215	130	473661	48.265	ug/l	87
45) 1,2-Dichloropropane	9.488	63	579170	49.173	ug/l	100
46) Dibromomethane	9.574	93	340979	49.789	ug/l	94
47) Bromodichloromethane	9.759	83	695542	49.684	ug/l	99
48) Methyl methacrylate	9.558	41	675617	50.059	ug/l #	80
49) 1,4-Dioxane	9.566	88	192925	951.631	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	4263493	235.846	ug/l	98
52) Toluene	10.502	92	1282947	49.545	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	797540	47.124	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	879236	52.370	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	495669	48.726	ug/l	97
56) Ethyl methacrylate	10.760	69	864176	44.913	ug/l	89
57) 1,3-Dichloropropane	11.041	76	896429	49.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	967786	201.673	ug/l	90
59) 2-Hexanone	11.081	43	3261059	248.321	ug/l	97
60) Dibromochloromethane	11.237	129	498851	52.573	ug/l	99
61) 1,2-Dibromoethane	11.342	107	500329	48.987	ug/l	100
64) Tetrachloroethene	10.977	164	438185	47.479	ug/l	97
65) Chlorobenzene	11.768	112	1319761	48.393	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	468558	49.894	ug/l	98
67) Ethyl Benzene	11.843	91	2510183	49.646	ug/l	95
68) m/p-Xylenes	11.950	106	1851199	100.643	ug/l	91
69) o-Xylene	12.278	106	913302	50.034	ug/l	90
70) Styrene	12.291	104	1528672	52.348	ug/l	96
71) Bromoform	12.455	173	365115	51.470	ug/l #	100
73) Isopropylbenzene	12.575	105	2400274	46.411	ug/l	98
74) N-amyl acetate	12.385	43	1029582	48.690	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	777352	44.506	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	736147m	50.772	ug/l	
77) Bromobenzene	12.857	156	543922	46.908	ug/l	75
78) n-propylbenzene	12.919	91	2840286	49.108	ug/l	96
79) 2-Chlorotoluene	13.004	91	1724762	47.141	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	2016307	48.211	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	229401	47.136	ug/l	95
82) 4-Chlorotoluene	13.104	91	1687656	49.370	ug/l	91
83) tert-Butylbenzene	13.321	119	1736621	47.702	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	1983713	49.345	ug/l	97
85) sec-Butylbenzene	13.498	105	2451414	49.530	ug/l	97
86) p-Isopropyltoluene	13.613	119	1986381	51.090	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	960084	49.774	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	938090	48.869	ug/l	97
89) n-Butylbenzene	13.940	91	1670691	52.087	ug/l	96
90) Hexachloroethane	14.209	117	333639	49.091	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	914182	47.970	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	133542	45.073	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	460777	45.923	ug/l	98
94) Hexachlorobutadiene	15.367	225	276968	49.071	ug/l	100
95) Naphthalene	15.504	128	1171425	42.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	437474	45.616	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
Data File : VN070690.D
Acq On : 19 Jan 2022 10:49
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 01/20/2022
Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:33:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

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

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

