

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070765.D
 Acq On : 24 Jan 2022 19:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 24 23:34:58 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	8.086	168	746158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1232110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1169863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	488400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	549502	51.386	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.780%			
35) Dibromofluoromethane	8.021	113	386649	50.590	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.180%			
50) Toluene-d8	10.440	98	1591796	49.439	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.880%			
62) 4-Bromofluorobenzene	12.731	95	592164	51.612	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	361742	41.955	ug/l	99
3) Chloromethane	2.303	50	503224	39.928	ug/l	99
4) Vinyl Chloride	2.448	62	553367	46.164	ug/l	98
5) Bromomethane	2.829	94	311510	49.896	ug/l	100
6) Chloroethane	3.003	64	358980	47.989	ug/l	98
7) Trichlorofluoromethane	3.371	101	702093	51.271	ug/l	96
8) Diethyl Ether	3.821	74	324966	54.326	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	408070	49.306	ug/l	95
10) Methyl Iodide	4.419	142	483382	45.293	ug/l	99
11) Tert butyl alcohol	5.382	59	464356	240.690	ug/l	98
12) 1,1-Dichloroethene	4.178	96	411501	49.851	ug/l	92
13) Acrolein	4.038	56	919970	332.487	ug/l	99
14) Allyl chloride	4.838	41	801730	44.576	ug/l	85
15) Acrylonitrile	5.551	53	1400119	228.129	ug/l	99
16) Acetone	4.285	43	1568679	211.351	ug/l	96
17) Carbon Disulfide	4.527	76	924432	41.235	ug/l	98
18) Methyl Acetate	4.851	43	646610	44.298	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	1409059	47.783	ug/l	95
20) Methylene Chloride	5.095	84	429930	43.975	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	373026	44.900	ug/l	87
22) Diisopropyl ether	6.495	45	1620716	45.463	ug/l	93
23) Vinyl Acetate	6.431	43	7106227	235.156	ug/l	95
24) 1,1-Dichloroethane	6.385	63	809060	45.371	ug/l	98
25) 2-Butanone	7.335	43	2019695	216.251	ug/l	93
26) 2,2-Dichloropropane	7.324	77	628870	45.997	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	450999	45.698	ug/l	86
28) Bromochloromethane	7.656	49	365548	45.658	ug/l #	77
29) Tetrahydrofuran	7.683	42	1307108	228.567	ug/l	89
30) Chloroform	7.815	83	782171	44.866	ug/l	99
31) Cyclohexane	8.094	56	781720	41.514	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	664340	47.997	ug/l	98
36) 1,1-Dichloropropene	8.220	75	581330	45.182	ug/l	96
37) Ethyl Acetate	7.410	43	784046	45.900	ug/l	98
38) Carbon Tetrachloride	8.206	117	546194	47.718	ug/l	99
39) Methylcyclohexane	9.459	83	708567	44.608	ug/l	89
40) Benzene	8.458	78	1792097	44.951	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070765.D
 Acq On : 24 Jan 2022 19:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 24 23:34:58 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)
41) Methacrylonitrile	7.635	41	403363	46.415	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	663149	47.972	ug/l	98
43) Isopropyl Acetate	8.560	43	1233395	47.273	ug/l #	95
44) Trichloroethene	9.215	130	403846	44.683	ug/l	92
45) 1,2-Dichloropropane	9.488	63	495236	45.656	ug/l	98
46) Dibromomethane	9.577	93	293113	46.473	ug/l	94
47) Bromodichloromethane	9.759	83	595869	46.218	ug/l	96
48) Methyl methacrylate	9.558	41	563280	45.318	ug/l #	86
49) 1,4-Dioxane	9.569	88	185179	991.828	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	3982969	239.241	ug/l	99
52) Toluene	10.505	92	1103305	46.265	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	680162	43.816	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	742671	48.033	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	436798	46.624	ug/l	98
56) Ethyl methacrylate	10.759	69	774089	43.747	ug/l	90
57) 1,3-Dichloropropane	11.041	76	787094	47.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	993997	222.468	ug/l	90
59) 2-Hexanone	11.084	43	2851412	235.765	ug/l	97
60) Dibromochloromethane	11.237	129	430578	49.273	ug/l	100
61) 1,2-Dibromoethane	11.344	107	440370	46.818	ug/l	99
64) Tetrachloroethene	10.974	164	355091	41.398	ug/l	95
65) Chlorobenzene	11.768	112	1157456	45.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	409967	46.970	ug/l	99
67) Ethyl Benzene	11.843	91	2195200	46.714	ug/l	95
68) m/p-Xylenes	11.950	106	1597494	93.446	ug/l	90
69) o-Xylene	12.277	106	801154	47.223	ug/l	90
70) Styrene	12.291	104	1332971	49.113	ug/l	95
71) Bromoform	12.457	173	318260	48.272	ug/l #	99
73) Isopropylbenzene	12.578	105	2120422	45.892	ug/l	97
74) N-amyl acetate	12.387	43	885469	46.871	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	672090	43.070	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	603902m	46.620	ug/l	
77) Bromobenzene	12.859	156	473962	45.751	ug/l	76
78) n-propylbenzene	12.918	91	2451274	47.438	ug/l	96
79) 2-Chlorotoluene	13.004	91	1501952	45.949	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1776130	47.534	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.623	75	200184	46.040	ug/l	96
82) 4-Chlorotoluene	13.104	91	1435047	46.988	ug/l	91
83) tert-Butylbenzene	13.321	119	1535817	47.219	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	1722039	47.946	ug/l	96
85) sec-Butylbenzene	13.500	105	2137239	48.334	ug/l	97
86) p-Isopropyltoluene	13.613	119	1709125	49.203	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	802698	46.579	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	766820	44.713	ug/l	96
89) n-Butylbenzene	13.940	91	1415664	49.401	ug/l	97
90) Hexachloroethane	14.209	117	287992	47.430	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	757033	44.463	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	123551	46.676	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	382275	42.889	ug/l	98
94) Hexachlorobutadiene	15.367	225	237073	47.014	ug/l	99
95) Naphthalene	15.504	128	1033849	41.731	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	374540	43.847	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
Data File : VN070765.D
Acq On : 24 Jan 2022 19:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

Quant Time: Jan 24 23:34:58 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

