

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062396.D
 Acq On : 7 Jul 2020 4:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:07:55 AM

Quant Time: Jul 07 06:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1129190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1948020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1794974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	866862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1024275	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.55	113	673779	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.06	98	2568285	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	959347	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	591679	46.304	ug/l	99
3) Chloromethane	2.03	50	859927	45.298	ug/l	98
4) Vinyl Chloride	2.16	62	742072	45.777	ug/l	99
5) Bromomethane	2.52	94	394807	46.965	ug/l	97
6) Chloroethane	2.66	64	441415	46.840	ug/l	96
7) Trichlorofluoromethane	2.98	101	1072310	47.926	ug/l	99
8) Diethyl Ether	3.37	74	405302	46.887	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	564020	45.115	ug/l	99
10) Methyl Iodide	3.91	142	761222	50.713	ug/l	99
11) Tert butyl alcohol	4.74	59	685754	242.503	ug/l	98
12) 1,1-Dichloroethene	3.69	96	554289	47.761	ug/l	99
13) Acrolein	3.57	56	293264	244.294	ug/l	94
14) Allyl chloride	4.27	41	1368684	48.394	ug/l	97
15) Acrylonitrile	4.93	53	1870133	251.803	ug/l	99
16) Acetone	3.77	43	1852791	196.753	ug/l	99
17) Carbon Disulfide	4.01	76	1667959	45.392	ug/l	100
18) Methyl Acetate	4.28	43	948899	50.554	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	2180072	49.084	ug/l	100
20) Methylene Chloride	4.50	84	707058	51.342	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	620493	48.414	ug/l	94
22) Diisopropyl ether	5.90	45	2843527	50.267	ug/l	99
23) Vinyl Acetate	5.84	43	11552029	254.400	ug/l	99
24) 1,1-Dichloroethane	5.80	63	1366510	48.747	ug/l	100
25) 2-Butanone	6.79	43	2800671	236.168	ug/l	99
26) 2,2-Dichloropropane	6.78	77	821511	35.578	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	721663	49.156	ug/l	95
28) Bromochloromethane	7.15	49	824872	52.657	ug/l	99
29) Tetrahydrofuran	7.17	42	1946964	258.309	ug/l	98
30) Chloroform	7.33	83	1317214	48.284	ug/l	97
31) Cyclohexane	7.62	56	1210541	46.737	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	1123251	49.000	ug/l	99
36) 1,1-Dichloropropene	7.75	75	967552	47.269	ug/l	99
37) Ethyl Acetate	6.89	43	1187803	48.914	ug/l	99
38) Carbon Tetrachloride	7.73	117	982378	47.725	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062396.D
 Acq On : 7 Jul 2020 4:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:07:55 AM

Quant Time: Jul 07 06:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1001855	45.512	ug/l	98
40) Benzene	8.00	78	2821633	48.524	ug/l	98
41) Methacrylonitrile	7.14	41	596332m	48.649	ug/l	
42) 1,2-Dichloroethane	8.08	62	1222725	47.725	ug/l	100
43) Isopropyl Acetate	8.13	43	2006280	49.431	ug/l #	92
44) Trichloroethene	8.80	130	649098	46.692	ug/l	95
45) 1,2-Dichloropropane	9.08	63	818028	47.992	ug/l	98
46) Dibromomethane	9.17	93	508967	48.245	ug/l	100
47) Bromodichloromethane	9.37	83	1077669	47.925	ug/l	98
48) Methyl methacrylate	9.17	41	1001156	48.329	ug/l	99
49) 1,4-Dioxane	9.17	88	258459	918.688	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	5775101	249.225	ug/l	100
52) Toluene	10.12	92	1719313	49.445	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1139902	47.113	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1198562	46.426	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	683291	49.036	ug/l	99
56) Ethyl methacrylate	10.40	69	1132828	50.475	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1241249	47.967	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	2113028	261.764	ug/l	99
59) 2-Hexanone	10.72	43	4345680	264.171	ug/l	99
60) Dibromochloromethane	10.87	129	781203	49.231	ug/l	99
61) 1,2-Dibromoethane	10.98	107	708845	49.552	ug/l	96
64) Tetrachloroethene	10.60	164	544519	47.148	ug/l	98
65) Chlorobenzene	11.41	112	1788033	48.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	696917	50.345	ug/l	99
67) Ethyl Benzene	11.48	91	3333272	51.276	ug/l	100
68) m/p-Xylenes	11.60	106	2437594	102.017	ug/l	100
69) o-Xylene	11.92	106	1168882	49.735	ug/l	100
70) Styrene	11.94	104	2023796	52.112	ug/l	99
71) Bromoform	12.10	173	536349	49.347	ug/l #	99
73) Isopropylbenzene	12.22	105	3201293	49.671	ug/l	100
74) N-amyl acetate	12.05	43	1805011	52.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	1071116	47.760	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	1019015m	48.668	ug/l	
77) Bromobenzene	12.50	156	752081	49.626	ug/l	96
78) n-propylbenzene	12.57	91	3696966	48.819	ug/l	99
79) 2-Chlorotoluene	12.65	91	2276785	48.903	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2746408	50.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	324147	44.272	ug/l	99
82) 4-Chlorotoluene	12.75	91	2359302	49.546	ug/l	99
83) tert-Butylbenzene	12.97	119	2298290	50.288	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	2707274	50.782	ug/l	99
85) sec-Butylbenzene	13.15	105	2999315	51.233	ug/l	99
86) p-Isopropyltoluene	13.26	119	2675020	50.700	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1340471	49.145	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1332761	47.282	ug/l	99
89) n-Butylbenzene	13.59	91	2248891	49.361	ug/l	100
90) Hexachloroethane	13.85	117	534373	47.363	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1324850	50.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	215652	49.065	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
Data File : VN062396.D
Acq On : 7 Jul 2020 4:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/7/2020 10:07:55 AM

Quant Time: Jul 07 06:09:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 07 05:08:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	630630	45.663	ug/l	100
94) Hexachlorobutadiene	14.98	225	337221	48.770	ug/l	97
95) Naphthalene	15.10	128	1714519	46.566	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	639818	50.889	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062396.D
 Acq On : 7 Jul 2020 4:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample ID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:07:55 AM

Quant Time: Jul 07 06:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

