

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065035.D
 Acq On : 9 Dec 2020 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:52 AM

Quant Time: Dec 10 05:03:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109495	48.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.90%
35) Dibromofluoromethane	7.55	113	95160	51.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.68%
50) Toluene-d8	10.06	98	366782	48.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.86%
62) 4-Bromofluorobenzene	12.37	95	132924	49.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.08%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	68472	40.643	ug/l 96
3) Chloromethane	2.04	50	93285	42.610	ug/l 96
4) Vinyl Chloride	2.17	62	100691	44.114	ug/l 99
5) Bromomethane	2.52	94	65125	43.489	ug/l 98
6) Chloroethane	2.67	64	66561	47.149	ug/l 98
7) Trichlorofluoromethane	2.99	101	150842	47.808	ug/l 99
8) Diethyl Ether	3.38	74	60974	48.959	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91516	48.352	ug/l 99
10) Methyl Iodide	3.91	142	115982	47.243	ug/l 99
11) Tert butyl alcohol	4.75	59	76277	216.428	ug/l 100
12) 1,1-Dichloroethene	3.69	96	87885	46.624	ug/l 99
13) Acrolein	3.57	56	68765	319.431	ug/l 99
14) Allyl chloride	4.27	41	143229	46.069	ug/l 99
15) Acrylonitrile	4.93	53	242555	249.129	ug/l 99
16) Acetone	3.78	43	182917	246.224	ug/l 96
17) Carbon Disulfide	4.01	76	203987	41.913	ug/l 99
18) Methyl Acetate	4.28	43	116629	52.217	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	309240	51.152	ug/l 99
20) Methylene Chloride	4.50	84	108560	46.635	ug/l 99
21) trans-1,2-Dichloroethene	4.99	96	96822	46.254	ug/l 98
22) Diisopropyl ether	5.91	45	326147	52.411	ug/l 99
23) Vinyl Acetate	5.85	43	1272347	255.683	ug/l 99
24) 1,1-Dichloroethane	5.80	63	187962	50.541	ug/l 99
25) 2-Butanone	6.79	43	295574	245.440	ug/l 97
26) 2,2-Dichloropropane	6.78	77	143776	44.575	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	116991	49.668	ug/l 98
28) Bromochloromethane	7.15	49	83252	48.933	ug/l 97
29) Tetrahydrofuran	7.17	42	198580	238.881	ug/l 99
30) Chloroform	7.33	83	196164	51.149	ug/l 99
31) Cyclohexane	7.61	56	137647	43.701	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	164016	49.793	ug/l 99
36) 1,1-Dichloropropene	7.75	75	137160	47.772	ug/l 99
37) Ethyl Acetate	6.88	43	124563	45.039	ug/l 99
38) Carbon Tetrachloride	7.73	117	146344	48.987	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065035.D
 Acq On : 9 Dec 2020 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:52 AM

Quant Time: Dec 10 05:03:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	135013	43.683	ug/l	97
40) Benzene	8.00	78	427779	48.622	ug/l	99
41) Methacrylonitrile	7.13	41	61421	48.131	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	144322	48.626	ug/l	99
43) Isopropyl Acetate	8.13	43	212955	47.852	ug/l	100
44) Trichloroethene	8.80	130	119891	46.185	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119279	52.352	ug/l	98
46) Dibromomethane	9.17	93	76914	50.530	ug/l	97
47) Bromodichloromethane	9.37	83	155528	50.781	ug/l	100
48) Methyl methacrylate	9.17	41	106341	50.008	ug/l	99
49) 1,4-Dioxane	9.16	88	36285	902.808	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	661882	247.738	ug/l	99
52) Toluene	10.12	92	275152	50.783	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	167641	49.143	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	182415	49.889	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	112694	50.580	ug/l	98
56) Ethyl methacrylate	10.40	69	157227	51.138	ug/l	99
57) 1,3-Dichloropropane	10.68	76	186028	50.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	407264	240.808	ug/l	100
59) 2-Hexanone	10.72	43	472512	245.743	ug/l	98
60) Dibromochloromethane	10.87	129	128409	51.848	ug/l	100
61) 1,2-Dibromoethane	10.97	107	112961	49.903	ug/l	98
64) Tetrachloroethene	10.60	164	123042	45.569	ug/l	97
65) Chlorobenzene	11.41	112	301351	50.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	118619	54.157	ug/l	99
67) Ethyl Benzene	11.48	91	512115	51.436	ug/l	99
68) m/p-Xylenes	11.59	106	400763	106.315	ug/l	99
69) o-Xylene	11.92	106	191854	53.633	ug/l	100
70) Styrene	11.94	104	333369	55.205	ug/l	99
71) Bromoform	12.10	173	89669	51.257	ug/l #	99
73) Isopropylbenzene	12.22	105	505089	51.418	ug/l	100
74) N-amyl acetate	12.05	43	188459	48.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	149252	51.837	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	134348m	44.173	ug/l	
77) Bromobenzene	12.50	156	132682	50.100	ug/l	97
78) n-propylbenzene	12.56	91	566600	50.632	ug/l	99
79) 2-Chlorotoluene	12.65	91	342370	49.494	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	432667	52.990	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	52357	47.181	ug/l	97
82) 4-Chlorotoluene	12.75	91	361915	49.914	ug/l	99
83) tert-Butylbenzene	12.97	119	358168	52.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	439833	53.278	ug/l	100
85) sec-Butylbenzene	13.14	105	461539	50.792	ug/l	100
86) p-Isopropyltoluene	13.26	119	424079	51.261	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	234167	49.768	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	236415	47.511	ug/l	100
89) n-Butylbenzene	13.59	91	343326	47.256	ug/l	99
90) Hexachloroethane	13.85	117	74869	52.095	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	233494	50.540	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29965	46.253	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
Data File : VN065035.D
Acq On : 9 Dec 2020 21:03
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:14:52 AM

Quant Time: Dec 10 05:03:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	117491	41.110	ug/l	99
94) Hexachlorobutadiene	14.98	225	61679	47.941	ug/l	100
95) Naphthalene	15.10	128	354036	41.349	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	113348	41.964	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065035.D
 Acq On : 9 Dec 2020 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:52 AM

Quant Time: Dec 10 05:03:01 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

