

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054305.D
 Acq On : 15 Mar 2019 12:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2019 11:08:58 AM

Quant Time: Mar 16 03:29:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1540782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2251238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1953475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	911033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	756262	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	7.59	113	726052	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.09	98	2626090	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	904305	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	704975	48.277	ug/l	100
3) Chloromethane	2.06	50	589146	41.534	ug/l	100
4) Vinyl Chloride	2.19	62	710315	43.813	ug/l	100
5) Bromomethane	2.57	94	450500	40.120	ug/l	98
6) Chloroethane	2.71	64	428531	43.686	ug/l	100
7) Trichlorofluoromethane	3.02	101	946138	43.894	ug/l	99
8) Diethyl Ether	3.41	74	480170	48.883	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	811077	50.213	ug/l	99
10) Methyl Iodide	3.94	142	1169586	50.957	ug/l	98
11) Tert butyl alcohol	4.82	59	258535	230.471	ug/l	98
12) 1,1-Dichloroethene	3.73	96	767815	47.967	ug/l	96
13) Acrolein	3.61	56	200499	188.622	ug/l	99
14) Allyl chloride	4.31	41	941749	45.855	ug/l	99
15) Acrylonitrile	4.99	53	1148207	249.184	ug/l	100
16) Acetone	3.82	43	1091874	233.050	ug/l	97
17) Carbon Disulfide	4.04	76	1712187	42.669	ug/l	99
18) Methyl Acetate	4.33	43	521805	55.049	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1945118	49.024	ug/l	99
20) Methylene Chloride	4.55	84	735087	47.783	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	734215	47.873	ug/l	97
22) Diisopropyl ether	5.96	45	1985956	48.451	ug/l	97
23) Vinyl Acetate	5.90	43	7225299	239.076	ug/l	98
24) 1,1-Dichloroethane	5.84	63	1251941	47.569	ug/l	99
25) 2-Butanone	6.85	43	1453369	264.301	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1041396	44.995	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	853800	49.901	ug/l	97
28) Bromochloromethane	7.19	49	492439	45.769	ug/l	94
29) Tetrahydrofuran	7.22	42	870550	246.224	ug/l	98
30) Chloroform	7.37	83	1349501	49.138	ug/l	100
31) Cyclohexane	7.65	56	1137267	46.125	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1178304	47.507	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1035241	49.934	ug/l	99
37) Ethyl Acetate	6.94	43	584432	49.061	ug/l	98
38) Carbon Tetrachloride	7.77	117	1045276	48.078	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054305.D
 Acq On : 15 Mar 2019 12:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2019 11:08:58 AM

Quant Time: Mar 16 03:29:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1268572	49.732	ug/l	99
40) Benzene	8.04	78	3002109	50.603	ug/l	99
41) Methacrylonitrile	7.17	41	313862	46.145	ug/l	93
42) 1,2-Dichloroethane	8.12	62	975799	48.718	ug/l	99
43) Isopropyl Acetate	8.17	43	1023878	48.967	ug/l	99
44) Trichloroethene	8.83	130	936090	50.792	ug/l	98
45) 1,2-Dichloropropane	9.12	63	747201	50.722	ug/l	99
46) Dibromomethane	9.21	93	499704	50.204	ug/l	99
47) Bromodichloromethane	9.40	83	990214	49.625	ug/l	98
48) Methyl methacrylate	9.20	41	540939	50.978	ug/l	96
49) 1,4-Dioxane	9.20	88	158064	1053.099	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2901098	262.177	ug/l	98
52) Toluene	10.16	92	1940756	51.592	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	989372	43.615	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1167423	50.206	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	715354	52.081	ug/l	99
56) Ethyl methacrylate	10.43	69	864473	52.783	ug/l	96
57) 1,3-Dichloropropane	10.71	76	1139252	50.725	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1698810	239.823	ug/l	99
59) 2-Hexanone	10.75	43	1939648	263.435	ug/l	97
60) Dibromochloromethane	10.90	129	787193	50.918	ug/l	100
61) 1,2-Dibromoethane	11.00	107	728218	52.171	ug/l	99
64) Tetrachloroethene	10.63	164	946949	50.137	ug/l	99
65) Chlorobenzene	11.43	112	2212332	51.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	796643	51.126	ug/l	98
67) Ethyl Benzene	11.51	91	3617482	50.877	ug/l	99
68) m/p-Xylenes	11.62	106	2870091	103.277	ug/l	98
69) o-Xylene	11.95	106	1386142	51.167	ug/l	98
70) Styrene	11.96	104	2228533	52.452	ug/l	99
71) Bromoform	12.13	173	517676	43.885	ug/l #	100
73) Isopropylbenzene	12.25	105	3638285	49.916	ug/l	100
74) N-amyl acetate	12.07	43	828555	51.212	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	811822	52.277	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	681094m	50.839	ug/l	
77) Bromobenzene	12.53	156	990691	51.365	ug/l	97
78) n-propylbenzene	12.59	91	3988345	50.429	ug/l	99
79) 2-Chlorotoluene	12.67	91	2384031	50.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2980107	49.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	181885	46.410	ug/l	96
82) 4-Chlorotoluene	12.77	91	2411053	50.776	ug/l	99
83) tert-Butylbenzene	12.99	119	2705538	48.483	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3018596	50.751	ug/l	100
85) sec-Butylbenzene	13.17	105	3513075	48.543	ug/l	100
86) p-Isopropyltoluene	13.29	119	3133951	49.361	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1685636	51.866	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1637223	51.281	ug/l	100
89) n-Butylbenzene	13.62	91	2496025	51.741	ug/l	100
90) Hexachloroethane	13.88	117	460461	43.799	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1633238	51.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	118426	49.282	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
Data File : VN054305.D
Acq On : 15 Mar 2019 12:38
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/16/2019 11:08:58 AM

Quant Time: Mar 16 03:29:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	913140	47.726	ug/l	99
94) Hexachlorobutadiene	15.01	225	564998	46.687	ug/l	100
95) Naphthalene	15.13	128	1831751	46.130	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	873748	51.759	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054305.D
 Acq On : 15 Mar 2019 12:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2019 11:08:58 AM

Quant Time: Mar 16 03:29:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

