

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052552.D
 Acq On : 29 Nov 2018 9:18
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:11:54 AM

Quant Time: Nov 30 00:51:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1125565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1700343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1508094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	697457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	544543	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
35) Dibromofluoromethane	7.59	113	493433	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	10.09	98	1926134	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.40	95	665226	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	467798	44.387	ug/l	98
3) Chloromethane	2.06	50	582968	41.905	ug/l	100
4) Vinyl Chloride	2.19	62	624954	43.732	ug/l	99
5) Bromomethane	2.57	94	372360	41.760	ug/l	99
6) Chloroethane	2.71	64	385440	44.527	ug/l	100
7) Trichlorofluoromethane	3.02	101	806357	45.936	ug/l	100
8) Diethyl Ether	3.41	74	297689	45.922	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	523528	47.796	ug/l	99
10) Methyl Iodide	3.96	142	701015	48.052	ug/l	99
11) Tert butyl alcohol	4.77	59	145404	236.993	ug/l	99
12) 1,1-Dichloroethene	3.74	96	481951	45.710	ug/l	97
13) Acrolein	3.61	56	198197	192.980	ug/l	100
14) Allyl chloride	4.33	41	820472	45.151	ug/l	97
15) Acrylonitrile	4.98	53	854187	219.938	ug/l	100
16) Acetone	3.81	43	750733	232.247	ug/l	100
17) Carbon Disulfide	4.06	76	1420023	42.797	ug/l	100
18) Methyl Acetate	4.32	43	406657	43.858	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1298164	46.276	ug/l	100
20) Methylene Chloride	4.55	84	545434	43.119	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	522348	46.387	ug/l	97
22) Diisopropyl ether	5.95	45	1728057	45.272	ug/l	99
23) Vinyl Acetate	5.89	43	5426755	228.257	ug/l	99
24) 1,1-Dichloroethane	5.85	63	990964	45.469	ug/l	99
25) 2-Butanone	6.83	43	1043196	227.688	ug/l	98
26) 2,2-Dichloropropane	6.82	77	740994	49.121	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	606982	46.273	ug/l	98
28) Bromochloromethane	7.19	49	427365	42.932	ug/l	95
29) Tetrahydrofuran	7.21	42	625657	211.716	ug/l	97
30) Chloroform	7.37	83	974243	44.805	ug/l	98
31) Cyclohexane	7.65	56	956773	45.322	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	807169	46.853	ug/l	99
36) 1,1-Dichloropropene	7.79	75	771828	48.069	ug/l	99
37) Ethyl Acetate	6.92	43	439900	44.891	ug/l	99
38) Carbon Tetrachloride	7.77	117	702689	48.342	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052552.D
 Acq On : 29 Nov 2018 9:18
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:11:54 AM

Quant Time: Nov 30 00:51:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	972734	49.842	ug/l	99
40) Benzene	8.04	78	2273492	47.511	ug/l	99
41) Methacrylonitrile	7.17	41	227214	42.411	ug/l	94
42) 1,2-Dichloroethane	8.12	62	694613	47.940	ug/l	100
43) Isopropyl Acetate	8.16	43	775740	46.778	ug/l	100
44) Trichloroethene	8.83	130	597723	48.765	ug/l	99
45) 1,2-Dichloropropane	9.12	63	604306	47.500	ug/l	100
46) Dibromomethane	9.21	93	338692	48.091	ug/l	98
47) Bromodichloromethane	9.40	83	736358	48.089	ug/l	99
48) Methyl methacrylate	9.20	41	400351	46.299	ug/l	98
49) 1,4-Dioxane	9.20	88	92856	1034.699	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	2165036	232.687	ug/l	99
52) Toluene	10.16	92	1403175	49.353	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	736841	50.021	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	880229	49.863	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	484507	48.447	ug/l	99
56) Ethyl methacrylate	10.43	69	619764	44.918	ug/l	99
57) 1,3-Dichloropropane	10.71	76	840552	47.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1739252	239.672	ug/l	98
59) 2-Hexanone	10.75	43	1543229	247.125	ug/l	99
60) Dibromochloromethane	10.90	129	537477	49.483	ug/l	100
61) 1,2-Dibromoethane	11.01	107	480094	48.334	ug/l	99
64) Tetrachloroethene	10.63	164	575283	49.200	ug/l	99
65) Chlorobenzene	11.43	112	1542196	49.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	533853	49.374	ug/l	100
67) Ethyl Benzene	11.51	91	2726069	50.060	ug/l	99
68) m/p-Xylenes	11.62	106	2049669	101.105	ug/l	100
69) o-Xylene	11.95	106	995336	50.559	ug/l	100
70) Styrene	11.96	104	1630349	51.995	ug/l	99
71) Bromoform	12.13	173	356052	49.733	ug/l #	100
73) Isopropylbenzene	12.25	105	2669479	48.785	ug/l	99
74) N-amyl acetate	12.07	43	661537	47.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	561948	45.145	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	480676m	44.693	ug/l	
77) Bromobenzene	12.53	156	658087	48.656	ug/l	97
78) n-propylbenzene	12.59	91	3100539	49.877	ug/l	99
79) 2-Chlorotoluene	12.68	91	1784910	48.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2166547	49.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	156506	48.596	ug/l	100
82) 4-Chlorotoluene	12.77	91	1816157	48.679	ug/l	99
83) tert-Butylbenzene	12.99	119	1905626	48.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2196663	50.226	ug/l	100
85) sec-Butylbenzene	13.17	105	2630372	49.638	ug/l	100
86) p-Isopropyltoluene	13.29	119	2282500	50.571	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1166757	49.316	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1148656	49.291	ug/l	100
89) n-Butylbenzene	13.62	91	1977595	52.685	ug/l	100
90) Hexachloroethane	13.88	117	367239	48.054	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1100589	48.691	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	83510	46.908	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052552.D
Acq On : 29 Nov 2018 9:18
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/30/2018 11:11:54 AM

Quant Time: Nov 30 00:51:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	600795	48.604	ug/l	100
94) Hexachlorobutadiene	15.01	225	357186	49.121	ug/l	99
95) Naphthalene	15.13	128	1217134	46.601	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	547701	48.212	ug/l	99

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

