

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059511.D
 Acq On : 2 Jul 2018 19:01
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Jul 03 00:54:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	609102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	876144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	714419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	352359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.98	65	587801	88.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.38%	
35) Dibromofluoromethane	5.51	113	542886	75.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.26%	
50) Toluene-d8	8.68	98	1195916	70.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.26%	
62) 4-Bromofluorobenzene	11.92	95	525076	74.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	581236	95.33	ug/l	99
3) Chloromethane	1.47	50	269852	88.34	ug/l	98
4) Vinyl Chloride	1.53	62	277496	87.25	ug/l	92
5) Bromomethane	1.76	94	95876	78.51	ug/l	87
6) Chloroethane	1.85	64	119189	88.76	ug/l	95
7) Trichlorofluoromethane	2.05	101	426042	91.61	ug/l	97
8) Diethyl Ether	2.31	74	86146	85.09	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.52	101	264994	91.96	ug/l	97
10) Methyl Iodide	2.65	142	299834	90.75	ug/l	97
11) Tert butyl alcohol	3.24	59	86927	391.49	ug/l #	93
12) 1,1-Dichloroethene	2.51	96	211248	94.80	ug/l	98
13) Acrolein	2.44	56	41301	226.49	ug/l	96
14) Allyl chloride	2.88	41	459413	91.37	ug/l	95
15) Acrylonitrile	3.32	53	277101	404.81	ug/l	97
16) Acetone	2.59	43	383557	450.29	ug/l	95
17) Carbon Disulfide	2.72	76	706330	101.42	ug/l	99
18) Methyl Acetate	2.90	43	151660	73.68	ug/l #	92
19) Methyl tert-butyl Ether	3.36	73	541453	56.45	ug/l	97
20) Methylene Chloride	3.04	84	216710	79.92	ug/l	98
21) trans-1,2-Dichloroethene	3.34	96	227694	63.92	ug/l	97
22) Diisopropyl ether	4.03	45	1581896	84.57	ug/l	97
23) Vinyl Acetate	3.98	43	4630729	466.23	ug/l	99
24) 1,1-Dichloroethane	3.92	63	882900	82.12	ug/l	99
25) 2-Butanone	4.80	43	792286	447.19	ug/l	99
26) 2,2-Dichloropropane	4.76	77	719332	85.78	ug/l	99
27) cis-1,2-Dichloroethene	4.76	96	466385	73.47	ug/l	96
28) Bromochloromethane	5.11	49	326273	74.68	ug/l	95
29) Tetrahydrofuran	5.16	42	400038	417.27	ug/l	98
30) Chloroform	5.28	83	949445	82.04	ug/l	94
31) Cyclohexane	5.56	56	638218	78.60	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	762653	82.01	ug/l	95
36) 1,1-Dichloropropene	5.71	75	638395	76.23	ug/l	98
37) Ethyl Acetate	4.89	43	359703	72.20	ug/l	97
38) Carbon Tetrachloride	5.69	117	661492	76.83	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059511.D
 Acq On : 2 Jul 2018 19:01
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Jul 03 00:54:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	606940	76.28	ug/l	96
40) Benzene	5.98	78	1454215	72.45	ug/l	99
41) Methacrylonitrile	5.10	41	184588	76.13	ug/l	97
42) 1,2-Dichloroethane	6.09	62	707117	80.29	ug/l	97
43) Isopropyl Acetate	7.59	43	513995	81.06	ug/l	# 100
44) Trichloroethene	6.95	130	456946	70.20	ug/l	92
45) 1,2-Dichloropropane	7.32	63	421222	76.17	ug/l	96
46) Dibromomethane	7.43	93	295055	75.35	ug/l	99
47) Bromodichloromethane	7.71	83	704948	79.99	ug/l	97
48) Methyl methacrylate	7.48	41	318049	81.60	ug/l	92
49) 1,4-Dioxane	7.47	88	60426	1558.71	ug/l	# 87
51) 4-Methyl-2-Pentanone	8.58	43	1652833	393.00	ug/l	100
52) Toluene	8.78	92	811984	68.62	ug/l	95
53) t-1,3-Dichloropropene	9.16	75	621238	82.70	ug/l	99
54) cis-1,3-Dichloropropene	8.33	75	688057	79.05	ug/l	96
55) 1,1,2-Trichloroethane	9.43	97	299530	70.63	ug/l	99
56) Ethyl methacrylate	9.29	69	394674	80.06	ug/l	92
57) 1,3-Dichloropropane	9.64	76	557839	78.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.17	63	905549	357.29	ug/l	93
59) 2-Hexanone	9.76	43	1167716	392.25	ug/l	100
60) Dibromochloromethane	9.94	129	449319	75.04	ug/l	92
61) 1,2-Dibromoethane	10.08	107	347271	72.85	ug/l	96
64) Tetrachloroethene	9.49	164	428659	67.11	ug/l	98
65) Chlorobenzene	10.71	112	904242	67.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	398229	78.43	ug/l	97
67) Ethyl Benzene	10.85	91	1638868	72.75	ug/l	98
68) m/p-Xylenes	11.00	106	1017103	135.19	ug/l	99
69) o-Xylene	11.39	106	504814	68.20	ug/l	99
70) Styrene	11.42	104	827911	65.81	ug/l	97
71) Bromoform	11.58	173	323436	76.57	ug/l	95
73) Isopropylbenzene	11.76	105	1441906	70.13	ug/l	98
74) N-amyl acetate	11.63	43	664816	83.17	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	367035	74.64	ug/l	97
76) 1,2,3-Trichloropropane	12.10	75	406413	79.74	ug/l	97
77) Bromobenzene	12.03	156	454116	70.48	ug/l	90
78) n-propylbenzene	12.14	91	1873484	71.03	ug/l	98
79) 2-Chlorotoluene	12.20	91	1155678	75.09	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	1140079	69.13	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.83	75	109033	91.92	ug/l	95
82) 4-Chlorotoluene	12.31	91	1222312	69.41	ug/l	96
83) tert-Butylbenzene	12.57	119	1323569	74.60	ug/l	96
84) 1,2,4-Trimethylbenzene	12.62	105	1230280	70.77	ug/l	99
85) sec-Butylbenzene	12.75	105	1554969	73.65	ug/l	100
86) p-Isopropyltoluene	12.87	119	1226271	70.53	ug/l	99
87) 1,3-Dichlorobenzene	12.83	146	780921	72.77	ug/l	98
88) 1,4-Dichlorobenzene	12.91	146	772606	73.15	ug/l	99
89) n-Butylbenzene	13.19	91	1294889	74.69	ug/l	98
90) Hexachloroethane	13.39	117	359077	82.26	ug/l	71
91) 1,2-Dichlorobenzene	13.18	146	624821	68.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	75556	93.55	ug/l	59

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
Data File : VD059511.D
Acq On : 2 Jul 2018 19:01
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC075

Quant Time: Jul 03 00:54:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 03 00:52:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	591029	71.50	ug/l	99
94) Hexachlorobutadiene	14.43	225	475693	76.40	ug/l	99
95) Naphthalene	14.51	128	924302	78.39	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	530335	71.22	ug/l	97

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

