

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058353.D
 Acq On : 23 Jun 2018 21:00
 Operator : VA/AP
 Sample : J3671-04MS
 Misc : 6.27g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB478-15-17-180621MS

Quant Time: Jun 25 01:11:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	938832	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.72	114	1296467	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	1013866	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	496376	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	517050	54.53	ug/l	0.02
Spiked Amount			Recovery	=	109.06%	
35) Dibromofluoromethane	5.57	113	538288	51.01	ug/l	0.02
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	8.72	98	1304935	51.12	ug/l	0.01
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.94	95	513614	49.25	ug/l	0.01
Spiked Amount			Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.36	85	459073	52.51	ug/l	99
3) Chloromethane	1.51	50	256819	63.90	ug/l	93
4) Vinyl Chloride	1.57	62	578128	117.55	ug/l	95
5) Bromomethane	1.81	94	89247	55.00	ug/l	93
6) Chloroethane	1.90	64	118698	70.14	ug/l	98
7) Trichlorofluoromethane	2.10	101	354571	52.58	ug/l	94
8) Diethyl Ether	2.36	74	80382	56.36	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.57	101	223483	52.13	ug/l	94
10) Methyl Iodide	2.71	142	233226	47.83	ug/l	96
11) Tert butyl alcohol	3.28	59	82061	262.37	ug/l	96
12) 1,1-Dichloroethene	2.56	96	170546	52.88	ug/l	92
13) Acrolein	2.48	56	18045	101.07	ug/l	96
14) Allyl chloride	2.95	41	401959	53.54	ug/l	92
15) Acrylonitrile	3.38	53	352011	424.47	ug/l	96
16) Acetone	2.63	43	456677	352.14	ug/l	96
17) Carbon Disulfide	2.78	76	516519	47.07	ug/l	99
18) Methyl Acetate	2.95	43	183398	66.31	ug/l	98
19) Methyl tert-butyl Ether	3.43	73	847963	99.12	ug/l	99
20) Methylene Chloride	3.09	84	200620	60.23	ug/l	95
21) trans-1,2-Dichloroethene	3.41	96	394847	112.01	ug/l	89
22) Diisopropyl ether	4.10	45	1514843	50.81	ug/l	96
23) Vinyl Acetate	4.05	43	3096920	193.76	ug/l	100
24) 1,1-Dichloroethane	4.00	63	921109	57.34	ug/l	99
25) 2-Butanone	4.86	43	612730	216.78	ug/l	99
26) 2,2-Dichloropropane	4.83	77	561415	41.74	ug/l #	32
27) cis-1,2-Dichloroethene	4.83	96	4151779	471.32	ug/l	98
28) Bromochloromethane	5.17	49	365708	50.79	ug/l	94
29) Tetrahydrofuran	5.21	42	371205	246.73	ug/l	98
30) Chloroform	5.35	83	870359	51.32	ug/l	94
31) Cyclohexane	5.61	56	602436	51.85	ug/l	99
32) 1,1,1-Trichloroethane	5.53	97	717557	51.21	ug/l	97
36) 1,1-Dichloropropene	5.77	75	579550	45.19	ug/l	99
37) Ethyl Acetate	4.95	43	340220	46.56	ug/l #	48
38) Carbon Tetrachloride	5.75	117	600387	47.11	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058353.D
 Acq On : 23 Jun 2018 21:00
 Operator : VA/AP
 Sample : J3671-04MS
 Misc : 6.27g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB478-15-17-180621MS

Quant Time: Jun 25 01:11:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.31	83	580157	46.44	ug/l	99
40) Benzene	6.04	78	1396878	45.72	ug/l	100
41) Methacrylonitrile	5.15	41	180905	51.27	ug/l	97
42) 1,2-Dichloroethane	6.15	62	601225	48.80	ug/l	98
43) Isopropyl Acetate	7.64	43	407624	41.84	ug/l #	98
44) Trichloroethene	7.00	130	1449859	158.04	ug/l	98
45) 1,2-Dichloropropane	7.37	63	410854	49.93	ug/l	99
46) Dibromomethane	7.48	93	268014	47.72	ug/l	98
47) Bromodichloromethane	7.76	83	644403	50.31	ug/l	96
48) Methyl methacrylate	7.52	41	291926	49.30	ug/l	92
49) 1,4-Dioxane	7.51	88	50502	944.87	ug/l #	80
51) 4-Methyl-2-Pentanone	8.62	43	1507095	237.16	ug/l	98
52) Toluene	8.82	92	835232	48.01	ug/l	99
53) t-1,3-Dichloropropene	9.21	75	541240	48.60	ug/l	98
54) cis-1,3-Dichloropropene	8.38	75	620871	47.56	ug/l	97
55) 1,1,2-Trichloroethane	9.47	97	299066	48.59	ug/l	96
56) Ethyl methacrylate	9.33	69	343594	46.68	ug/l	97
57) 1,3-Dichloropropane	9.68	76	486111	46.89	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.21	63	914091	250.85	ug/l	94
59) 2-Hexanone	9.81	43	1126853	245.41	ug/l	92
60) Dibromochloromethane	9.97	129	420110	50.30	ug/l	97
61) 1,2-Dibromoethane	10.11	107	319306	47.40	ug/l	96
64) Tetrachloroethene	9.53	164	433161	50.78	ug/l	98
65) Chlorobenzene	10.74	112	1052872	55.52	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.86	131	377411	51.57	ug/l	99
67) Ethyl Benzene	10.87	91	1650873	49.31	ug/l	100
68) m/p-Xylenes	11.03	106	1076844	96.45	ug/l	98
69) o-Xylene	11.42	106	543608	50.98	ug/l	95
70) Styrene	11.44	104	931243	51.17	ug/l	99
71) Bromoform	11.61	173	302754	51.86	ug/l	94
73) Isopropylbenzene	11.79	105	1498182	50.46	ug/l	99
74) N-amyl acetate	11.66	43	476374	41.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.09	83	356302	51.57	ug/l	100
76) 1,2,3-Trichloropropane	12.12	75	364352	50.27	ug/l	99
77) Bromobenzene	12.05	156	470509	52.92	ug/l	88
78) n-propylbenzene	12.17	91	1933645	50.43	ug/l	97
79) 2-Chlorotoluene	12.23	91	1137606	51.85	ug/l	97
80) 1,3,5-Trimethylbenzene	12.33	105	1197922	51.73	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.85	75	85370	48.30	ug/l	97
82) 4-Chlorotoluene	12.34	91	1216683	57.74	ug/l	96
83) tert-Butylbenzene	12.58	119	1355625	50.92	ug/l	95
84) 1,2,4-Trimethylbenzene	12.63	105	1327112	52.72	ug/l	97
85) sec-Butylbenzene	12.77	105	1584809	50.78	ug/l	98
86) p-Isopropyltoluene	12.90	119	1302698	51.51	ug/l	97
87) 1,3-Dichlorobenzene	12.85	146	748951	48.47	ug/l	94
88) 1,4-Dichlorobenzene	12.94	146	742886	49.23	ug/l	96
89) n-Butylbenzene	13.20	91	1269187	47.75	ug/l	99
90) Hexachloroethane	13.41	117	341514	52.03	ug/l	78
91) 1,2-Dichlorobenzene	13.20	146	661538	50.31	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.78	75	56996	51.83	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058353.D
Acq On : 23 Jun 2018 21:00
Operator : VA/AP
Sample : J3671-04MS
Misc : 6.27g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB478-15-17-180621MS

Quant Time: Jun 25 01:11:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	558032	44.37	ug/l	98
94) Hexachlorobutadiene	14.44	225	434030	44.12	ug/l	97
95) Naphthalene	14.52	128	810140	48.90	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	511335	46.44	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058353.D
Acq On : 23 Jun 2018 21:00
Operator : VA/AP
Sample : J3671-04MS
Misc : 6.27a/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB478-15-17-180621MS

Quant Time: Jun 25 01:11:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

