

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058227.D
 Acq On : 21 Jun 2018 1:16
 Operator : VA/AP
 Sample : VD0620SBS03
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBS03

Quant Time: Jun 21 01:49:36 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	5.65	168	853432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1173759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	915807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	478344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	467302	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
35) Dibromofluoromethane	5.55	113	477376	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.72	98	1148479	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.94	95	457132	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	205743	23.58	ug/l	99
3) Chloromethane	1.48	50	104399	25.93	ug/l	98
4) Vinyl Chloride	1.54	62	100080	22.39	ug/l	96
5) Bromomethane	1.78	94	30550	17.98	ug/l	82
6) Chloroethane	1.87	64	34076	19.54	ug/l	94
7) Trichlorofluoromethane	2.07	101	132017	21.54	ug/l	99
8) Diethyl Ether	2.34	74	28985	22.36	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.55	101	82984	21.29	ug/l	96
10) Methyl Iodide	2.68	142	94137	21.24	ug/l	96
11) Tert butyl alcohol	3.26	59	29083	102.29	ug/l #	93
12) 1,1-Dichloroethene	2.54	96	64647	22.05	ug/l	98
13) Acrolein	2.47	56	19881	122.49	ug/l	84
14) Allyl chloride	2.91	41	148129	21.71	ug/l	99
15) Acrylonitrile	3.35	53	85205	113.02	ug/l	98
16) Acetone	2.60	43	114705	97.30	ug/l #	86
17) Carbon Disulfide	2.74	76	211886	21.24	ug/l	97
18) Methyl Acetate	2.93	43	50050	19.91	ug/l #	92
19) Methyl tert-butyl Ether	3.39	73	180003	23.15	ug/l	98
20) Methylene Chloride	3.06	84	79101	23.14	ug/l	93
21) trans-1,2-Dichloroethene	3.38	96	69722	21.76	ug/l	94
22) Diisopropyl ether	4.07	45	557766	20.58	ug/l	98
23) Vinyl Acetate	4.01	43	1619456	111.46	ug/l	99
24) 1,1-Dichloroethane	3.97	63	329341	22.55	ug/l	97
25) 2-Butanone	4.84	43	257753	100.32	ug/l	97
26) 2,2-Dichloropropane	4.80	77	228161	18.66	ug/l	99
27) cis-1,2-Dichloroethene	4.80	96	173307	21.64	ug/l	96
28) Bromochloromethane	5.14	49	146771	22.42	ug/l #	95
29) Tetrahydrofuran	5.18	42	149618	109.40	ug/l	98
30) Chloroform	5.32	83	339847	22.05	ug/l	96
31) Cyclohexane	5.60	56	263295	21.90	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	271091	21.28	ug/l	99
36) 1,1-Dichloropropene	5.75	75	235532	20.28	ug/l	99
37) Ethyl Acetate	4.93	43	140224	21.20	ug/l	98
38) Carbon Tetrachloride	5.73	117	228617	19.82	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058227.D
 Acq On : 21 Jun 2018 1:16
 Operator : VA/AP
 Sample : VD0620SBS03
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBS03

Quant Time: Jun 21 01:49:36 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	7.29	83	234038	20.69	ug/l	98
40) Benzene	6.01	78	574379	20.77	ug/l	98
41) Methacrylonitrile	5.13	41	65313	20.44	ug/l	97
42) 1,2-Dichloroethane	6.13	62	228323	20.47	ug/l	93
43) Isopropyl Acetate	7.63	43	177996	20.18	ug/l	96
44) Trichloroethene	6.99	130	173218	20.86	ug/l	97
45) 1,2-Dichloropropane	7.35	63	159257	21.38	ug/l	93
46) Dibromomethane	7.47	93	108003	21.24	ug/l	96
47) Bromodichloromethane	7.74	83	232659	20.06	ug/l	97
48) Methyl methacrylate	7.51	41	109062	20.34	ug/l	95
49) 1,4-Dioxane	7.51	88	22112	456.96	ug/l	91
51) 4-Methyl-2-Pentanone	8.61	43	578788	100.60	ug/l	99
52) Toluene	8.81	92	329298	20.91	ug/l	94
53) t-1,3-Dichloropropene	9.19	75	194416	19.28	ug/l	95
54) cis-1,3-Dichloropropene	8.36	75	239766	20.29	ug/l	97
55) 1,1,2-Trichloroethane	9.46	97	116024	20.82	ug/l	94
56) Ethyl methacrylate	9.32	69	137597	20.65	ug/l	92
57) 1,3-Dichloropropane	9.67	76	199534	21.26	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.20	63	357402	108.33	ug/l	99
59) 2-Hexanone	9.79	43	427234	102.77	ug/l	98
60) Dibromochloromethane	9.97	129	157650	20.85	ug/l	100
61) 1,2-Dibromoethane	10.10	107	128569	21.08	ug/l	91
64) Tetrachloroethene	9.52	164	183361	23.80	ug/l	95
65) Chlorobenzene	10.73	112	373856	21.82	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	138964	21.02	ug/l	98
67) Ethyl Benzene	10.86	91	651370	21.54	ug/l	99
68) m/p-Xylenes	11.02	106	449459	44.57	ug/l	95
69) o-Xylene	11.41	106	219238	22.76	ug/l	98
70) Styrene	11.44	104	375472	22.84	ug/l	99
71) Bromoform	11.60	173	108364	20.55	ug/l	99
73) Isopropylbenzene	11.78	105	604556	21.13	ug/l	98
74) N-amyl acetate	11.65	43	229622	20.76	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	141307	21.22	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	146830	21.02	ug/l	96
77) Bromobenzene	12.05	156	186576	21.78	ug/l	88
78) n-propylbenzene	12.15	91	814615	22.05	ug/l	98
79) 2-Chlorotoluene	12.22	91	460787	21.79	ug/l	97
80) 1,3,5-Trimethylbenzene	12.32	105	492033	22.05	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.85	75	33390	19.60	ug/l	89
82) 4-Chlorotoluene	12.33	91	517698	22.09	ug/l	93
83) tert-Butylbenzene	12.58	119	516845	20.14	ug/l	90
84) 1,2,4-Trimethylbenzene	12.63	105	527595	21.75	ug/l	96
85) sec-Butylbenzene	12.76	105	624921	20.78	ug/l	97
86) p-Isopropyltoluene	12.89	119	498417	20.45	ug/l	96
87) 1,3-Dichlorobenzene	12.84	146	307451	20.65	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	305162	20.98	ug/l	97
89) n-Butylbenzene	13.20	91	531032	20.73	ug/l	96
90) Hexachloroethane	13.40	117	127624	20.18	ug/l	76
91) 1,2-Dichlorobenzene	13.20	146	262996	20.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.78	75	22469	21.20	ug/l	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
Data File : VD058227.D
Acq On : 21 Jun 2018 1:16
Operator : VA/AP
Sample : VD0620SBS03
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0620SBS03

Quant Time: Jun 21 01:49:36 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)
93) 1,2,4-Trichlorobenzene	14.34	180	240281	19.82	µg/l	96
94) Hexachlorobutadiene	14.44	225	185436	19.56	µg/l	99
95) Naphthalene	14.52	128	345681	21.65	µg/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	213292	20.10	µg/l	96

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

