

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061902.D
 Acq On : 19 Apr 2019 9:45
 Operator : VA/AP
 Sample : VD0418SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBS02

Quant Time: Apr 19 15:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	603145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	905891	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	754981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	371574	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	241661	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	6.94	113	349579	51.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.42	98	748277	46.14	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.28%	
62) 4-Bromofluorobenzene	13.56	95	319796	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	103307	17.549	ug/l	97
3) Chloromethane	1.76	50	88246	18.809	ug/l	92
4) Vinyl Chloride	1.86	62	90303	19.394	ug/l	98
5) Bromomethane	2.15	94	18425	15.112	ug/l	88
6) Chloroethane	2.26	64	24077	15.158	ug/l	96
7) Trichlorofluoromethane	2.53	101	131914	17.468	ug/l	94
8) Diethyl Ether	2.88	74	39243	19.829	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.16	101	124702	18.520	ug/l	99
10) Methyl Iodide	3.31	142	162569	17.575	ug/l	97
11) Tert butyl alcohol	4.08	59	35160	117.947	ug/l #	94
12) 1,1-Dichloroethene	3.13	96	105293	18.601	ug/l	94
13) Acrolein	3.04	56	26794	92.845	ug/l	100
14) Allyl chloride	3.62	41	158755	20.575	ug/l	96
15) Acrylonitrile	4.20	53	96781	103.415	ug/l	92
16) Acetone	3.23	43	134774	108.178	ug/l	99
17) Carbon Disulfide	3.38	76	328318	17.951	ug/l	99
18) Methyl Acetate	3.65	43	52695	21.103	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	207678	19.659	ug/l	93
20) Methylene Chloride	3.83	84	143290	20.425	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	120761	19.412	ug/l	97
22) Diisopropyl ether	5.13	45	339528	20.586	ug/l	97
23) Vinyl Acetate	5.07	43	910951	103.321	ug/l	99
24) 1,1-Dichloroethane	4.99	63	202038	20.204	ug/l	99
25) 2-Butanone	6.08	43	156664	110.454	ug/l	98
26) 2,2-Dichloropropane	6.03	77	186522	21.580	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	139161	20.635	ug/l	96
28) Bromochloromethane	6.44	49	85040	22.389	ug/l	81
29) Tetrahydrofuran	6.46	42	70845	102.539	ug/l	99
30) Chloroform	6.67	83	233787	20.961	ug/l	100
31) Cyclohexane	6.97	56	147122	19.219	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	205695	20.804	ug/l	97
36) 1,1-Dichloropropene	7.15	75	172270	23.272	ug/l	97
37) Ethyl Acetate	6.19	43	76148	24.035	ug/l	95
38) Carbon Tetrachloride	7.12	117	205920	22.030	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061902.D
 Acq On : 19 Apr 2019 9:45
 Operator : VA/AP
 Sample : VD0418SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0418SBS02

Quant Time: Apr 19 15:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	162950	21.198	ug/l	97
40) Benzene	7.47	78	396492	22.310	ug/l	97
41) Methacrylonitrile	6.44	41	86068	22.984	ug/l #	88
42) 1,2-Dichloroethane	7.59	62	138830	22.430	ug/l	97
43) Isopropyl Acetate	9.25	43	99371	22.288	ug/l	97
44) Trichloroethene	8.55	130	145309	21.239	ug/l	100
45) 1,2-Dichloropropane	8.96	63	99016	21.390	ug/l	94
46) Dibromomethane	9.07	93	70629	21.413	ug/l	95
47) Bromodichloromethane	9.39	83	174193	22.891	ug/l	98
48) Methyl methacrylate	9.13	41	54656	20.855	ug/l	93
49) 1,4-Dioxane	9.09	88	12545	437.945	ug/l	98
51) 4-Methyl-2-Pentanone	10.31	43	317815	116.564	ug/l	96
52) Toluene	10.52	92	252350	22.158	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	141536	20.642	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	181801	22.587	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	86286	22.484	ug/l	98
56) Ethyl methacrylate	11.05	69	95128	22.585	ug/l	99
57) 1,3-Dichloropropane	11.42	76	125370	21.730	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	268957	134.252	ug/l	95
59) 2-Hexanone	11.53	43	247414	122.177	ug/l	99
60) Dibromochloromethane	11.69	129	145754	23.212	ug/l	98
61) 1,2-Dibromoethane	11.81	107	106119	22.489	ug/l	96
64) Tetrachloroethene	11.27	164	119501	21.106	ug/l	96
65) Chlorobenzene	12.41	112	301068	21.413	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	128846	21.867	ug/l	97
67) Ethyl Benzene	12.53	91	487709	21.660	ug/l	97
68) m/p-Xylenes	12.68	106	338626	40.036	ug/l	99
69) o-Xylene	13.06	106	189208	23.800	ug/l	97
70) Styrene	13.08	104	324249	23.702	ug/l	98
71) Bromoform	13.24	173	78186	22.355	ug/l	98
73) Isopropylbenzene	13.40	105	483953	20.083	ug/l	99
74) N-amyl acetate	13.28	43	137500	21.219	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	101900	21.393	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	99334	20.356	ug/l	96
77) Bromobenzene	13.68	156	137500	20.087	ug/l	98
78) n-propylbenzene	13.78	91	601616	21.609	ug/l	97
79) 2-Chlorotoluene	13.85	91	331474	20.381	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	396340	20.728	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	28473	20.128	ug/l	93
82) 4-Chlorotoluene	13.96	91	396365	21.291	ug/l	96
83) tert-Butylbenzene	14.19	119	481081	21.428	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	400108	20.817	ug/l	97
85) sec-Butylbenzene	14.37	105	468511	20.186	ug/l	96
86) p-Isopropyltoluene	14.50	119	474055	21.830	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	235244	19.685	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	235439	19.931	ug/l	97
89) n-Butylbenzene	14.80	91	402155	20.921	ug/l	96
90) Hexachloroethane	15.01	117	119446	20.181	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	218687	21.847	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14044	24.160	ug/l	79

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041819\
Data File : VD061902.D
Acq On : 19 Apr 2019 9:45
Operator : VA/AP
Sample : VD0418SBSD02
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBSD02

Quant Time: Apr 19 15:18:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	127300	23.155	ug/l	96
94) Hexachlorobutadiene	16.04	225	78072	19.595	ug/l	97
95) Naphthalene	16.13	128	189992	22.546	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	73884	23.582	ug/l	96

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

