

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062767.D
 Acq On : 19 Jun 2019 1:56
 Operator : VA/AP
 Sample : VD0618SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS02

Quant Time: Jun 19 02:30:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	544135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	731898	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	624833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	349262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	384030	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	6.92	113	395340	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.40	98	838340	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	13.55	95	405507	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	156131	23.304	ug/l	94
3) Chloromethane	1.73	50	124533	23.130	ug/l	90
4) Vinyl Chloride	1.84	62	122538	22.072	ug/l	94
5) Bromomethane	2.13	94	53253	19.002	ug/l	92
6) Chloroethane	2.25	64	56111	20.471	ug/l	92
7) Trichlorofluoromethane	2.52	101	269406	21.680	ug/l	97
8) Diethyl Ether	2.86	74	34615	20.481	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.13	101	153936	22.970	ug/l	95
10) Methyl Iodide	3.28	142	173293	20.394	ug/l	95
11) Tert butyl alcohol	4.07	59	33063	102.442	ug/l #	86
12) 1,1-Dichloroethene	3.11	96	109510	22.770	ug/l	96
13) Acrolein	3.02	56	8446	81.353	ug/l	94
14) Allyl chloride	3.60	41	155573	21.038	ug/l	87
15) Acrylonitrile	4.18	53	79428	108.298	ug/l	99
16) Acetone	3.21	43	147712	102.735	ug/l	99
17) Carbon Disulfide	3.35	76	281145	19.837	ug/l #	95
18) Methyl Acetate	3.63	43	59288	25.091	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	251192	21.415	ug/l	100
20) Methylene Chloride	3.80	84	114371	20.796	ug/l #	89
21) trans-1,2-Dichloroethene	4.20	96	108900	20.643	ug/l	93
22) Diisopropyl ether	5.12	45	331212	21.571	ug/l	88
23) Vinyl Acetate	5.05	43	1012879	106.330	ug/l	99
24) 1,1-Dichloroethane	4.98	63	210318	21.292	ug/l	98
25) 2-Butanone	6.05	43	146881	104.714	ug/l	99
26) 2,2-Dichloropropane	6.01	77	221359	19.444	ug/l	99
27) cis-1,2-Dichloroethene	6.02	96	122638	21.444	ug/l	95
28) Bromochloromethane	6.43	49	74378	19.698	ug/l	94
29) Tetrahydrofuran	6.44	42	69015	109.257	ug/l	99
30) Chloroform	6.65	83	280658	22.145	ug/l	91
31) Cyclohexane	6.95	56	121812	19.659	ug/l	93
32) 1,1,1-Trichloroethane	6.86	97	273237	21.667	ug/l	94
36) 1,1-Dichloropropene	7.13	75	155382	18.550	ug/l #	87
37) Ethyl Acetate	6.18	43	72347	20.971	ug/l #	94
38) Carbon Tetrachloride	7.10	117	277980	20.996	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062767.D
 Acq On : 19 Jun 2019 1:56
 Operator : VA/AP
 Sample : VD0618SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0618SBS02

Quant Time: Jun 19 02:30:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	147476	21.787	ug/l	92
40) Benzene	7.45	78	343484	20.997	ug/l	97
41) Methacrylonitrile	6.44	41	95825	21.853	ug/l #	90
42) 1,2-Dichloroethane	7.57	62	213874	21.935	ug/l	99
43) Isopropyl Acetate	9.24	43	93381	21.128	ug/l #	94
44) Trichloroethene	8.53	130	136826	20.603	ug/l	82
45) 1,2-Dichloropropane	8.94	63	87361	22.233	ug/l	97
46) Dibromomethane	9.06	93	79141	22.691	ug/l #	87
47) Bromodichloromethane	9.37	83	211322	22.273	ug/l	99
48) Methyl methacrylate	9.11	41	70112	21.957	ug/l	90
49) 1,4-Dioxane	9.08	88	13459	496.345	ug/l #	82
51) 4-Methyl-2-Pentanone	10.29	43	355333	114.896	ug/l	92
52) Toluene	10.51	92	246232	22.393	ug/l	94
53) t-1,3-Dichloropropene	10.90	75	160005	20.569	ug/l	94
54) cis-1,3-Dichloropropene	10.04	75	175695	21.853	ug/l	99
55) 1,1,2-Trichloroethane	11.18	97	89015	23.605	ug/l	93
56) Ethyl methacrylate	11.04	69	88155	21.813	ug/l	95
57) 1,3-Dichloropropane	11.41	76	136109	23.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	251445	124.756	ug/l	91
59) 2-Hexanone	11.53	43	239344	104.040	ug/l	100
60) Dibromochloromethane	11.68	129	170391	22.890	ug/l	100
61) 1,2-Dibromoethane	11.80	107	103504	22.933	ug/l	96
64) Tetrachloroethene	11.25	164	147635	25.240	ug/l	96
65) Chlorobenzene	12.40	112	307921	22.279	ug/l	93
66) 1,1,1,2-Tetrachloroethane	12.51	131	142337	21.593	ug/l	99
67) Ethyl Benzene	12.52	91	538563	21.978	ug/l	99
68) m/p-Xylenes	12.67	106	368926	42.825	ug/l	100
69) o-Xylene	13.05	106	173644	21.947	ug/l	100
70) Styrene	13.07	104	310693	22.008	ug/l	99
71) Bromoform	13.24	173	100888	21.653	ug/l	92
73) Isopropylbenzene	13.40	105	560407	22.764	ug/l	99
74) N-amyl acetate	13.27	43	145442	21.861	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	13.70	83	89844	21.329	ug/l	91
76) 1,2,3-Trichloropropane	13.73	75	107175	22.631	ug/l	98
77) Bromobenzene	13.67	156	160831	22.858	ug/l	98
78) n-propylbenzene	13.77	91	650661	21.593	ug/l	100
79) 2-Chlorotoluene	13.84	91	410829	23.285	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	493203	22.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	26157	21.069	ug/l	96
82) 4-Chlorotoluene	13.95	91	486664	23.065	ug/l	99
83) tert-Butylbenzene	14.19	119	545768	22.743	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	472420	21.930	ug/l	95
85) sec-Butylbenzene	14.37	105	535254	21.271	ug/l	99
86) p-Isopropyltoluene	14.49	119	542681	22.151	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	287617	22.564	ug/l	100
88) 1,4-Dichlorobenzene	14.54	146	276753	22.974	ug/l	98
89) n-Butylbenzene	14.79	91	494227	22.424	ug/l	99
90) Hexachloroethane	15.01	117	141061	21.810	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	246307	23.246	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	20645	22.945	ug/l #	47

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062767.D
Acq On : 19 Jun 2019 1:56
Operator : VA/AP
Sample : VD0618SBSD02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD02

Quant Time: Jun 19 02:30:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	191547	23.358	ug/l	98
94) Hexachlorobutadiene	16.03	225	136667	21.846	ug/l	98
95) Naphthalene	16.12	128	266106	22.999	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	143670	23.541	ug/l	99

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

