

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052319\
 Data File : VD062518.D
 Acq On : 23 May 2019 13:27
 Operator : VA/AP
 Sample : VD0523SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBS01

Quant Time: May 24 01:19:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	575592	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	838104	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	661684	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	342396	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	267427	43.40	ug/l	-0.02
Spiked Amount			Recovery	=	86.80%	
35) Dibromofluoromethane	6.91	113	304153	40.23	ug/l	-0.03
Spiked Amount			Recovery	=	80.46%	
50) Toluene-d8	10.41	98	685736	41.44	ug/l	-0.02
Spiked Amount			Recovery	=	82.88%	
62) 4-Bromofluorobenzene	13.55	95	303066	41.87	ug/l	-0.01
Spiked Amount			Recovery	=	83.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	123775	19.896	ug/l	100
3) Chloromethane	1.75	50	88796	22.269	ug/l	96
4) Vinyl Chloride	1.84	62	90262	21.512	ug/l	99
5) Bromomethane	2.14	94	31022	17.134	ug/l	100
6) Chloroethane	2.25	64	34224	16.861	ug/l	91
7) Trichlorofluoromethane	2.52	101	167633	17.291	ug/l	98
8) Diethyl Ether	2.87	74	24109	18.435	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	3.13	101	112030	19.424	ug/l	93
10) Methyl Iodide	3.29	142	185051	23.010	ug/l	94
11) Tert butyl alcohol	4.08	59	27817	97.810	ug/l	96
12) 1,1-Dichloroethene	3.12	96	81166	19.041	ug/l	94
13) Acrolein	3.03	56	20280	85.868	ug/l	94
14) Allyl chloride	3.61	41	130266	20.726	ug/l #	81
15) Acrylonitrile	4.19	53	65556	100.595	ug/l #	78
16) Acetone	3.21	43	113668	102.951	ug/l	91
17) Carbon Disulfide	3.36	76	271592	21.038	ug/l	99
18) Methyl Acetate	3.64	43	37756	19.817	ug/l #	88
19) Methyl tert-butyl Ether	4.24	73	198360	20.147	ug/l	99
20) Methylene Chloride	3.80	84	97267	16.451	ug/l	89
21) trans-1,2-Dichloroethene	4.21	96	103975	20.836	ug/l	92
22) Diisopropyl ether	5.11	45	263518	19.698	ug/l	92
23) Vinyl Acetate	5.04	43	762183	94.285	ug/l	96
24) 1,1-Dichloroethane	4.96	63	168675	19.577	ug/l	96
25) 2-Butanone	6.07	43	109026	94.412	ug/l	100
26) 2,2-Dichloropropane	6.02	77	177851	19.149	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	107058	19.896	ug/l	95
28) Bromochloromethane	6.42	49	61943	20.031	ug/l	81
29) Tetrahydrofuran	6.45	42	53524	97.050	ug/l	96
30) Chloroform	6.66	83	211564	19.260	ug/l	98
31) Cyclohexane	6.94	56	114984	19.765	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	195081	17.591	ug/l	98
36) 1,1-Dichloropropene	7.14	75	146821	18.323	ug/l	98
37) Ethyl Acetate	6.17	43	61507	19.759	ug/l #	96
38) Carbon Tetrachloride	7.10	117	215238	18.074	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052319\
 Data File : VD062518.D
 Acq On : 23 May 2019 13:27
 Operator : VA/AP
 Sample : VD0523SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBS01

Quant Time: May 24 01:19:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	133444	20.191	ug/l	95
40) Benzene	7.44	78	303375	19.302	ug/l	100
41) Methacrylonitrile	6.44	41	70749	18.097	ug/l #	85
42) 1,2-Dichloroethane	7.57	62	144441	17.355	ug/l	90
43) Isopropyl Acetate	9.23	43	70536	17.081	ug/l	96
44) Trichloroethene	8.53	130	121019	19.231	ug/l	100
45) 1,2-Dichloropropane	8.93	63	73850	19.281	ug/l	97
46) Dibromomethane	9.06	93	60167	17.329	ug/l #	85
47) Bromodichloromethane	9.37	83	156503	17.719	ug/l	97
48) Methyl methacrylate	9.12	41	48310	17.384	ug/l	94
49) 1,4-Dioxane	9.09	88	9646	386.979	ug/l	93
51) 4-Methyl-2-Pentanone	10.30	43	248328	91.027	ug/l	95
52) Toluene	10.50	92	216139	20.088	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	137035	18.635	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	142927	18.627	ug/l #	89
55) 1,1,2-Trichloroethane	11.18	97	70101	19.223	ug/l	97
56) Ethyl methacrylate	11.04	69	70860	18.177	ug/l #	89
57) 1,3-Dichloropropane	11.40	76	99463	17.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	207088	103.450	ug/l	98
59) 2-Hexanone	11.53	43	182219	91.905	ug/l	96
60) Dibromochloromethane	11.68	129	128994	18.417	ug/l	98
61) 1,2-Dibromoethane	11.80	107	81715	18.183	ug/l	90
64) Tetrachloroethene	11.25	164	108741	19.627	ug/l	95
65) Chlorobenzene	12.39	112	253015	19.884	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	121105	20.618	ug/l	95
67) Ethyl Benzene	12.52	91	462246	21.091	ug/l	99
68) m/p-Xylenes	12.67	106	340446	43.273	ug/l	98
69) o-Xylene	13.04	106	149588	20.152	ug/l	89
70) Styrene	13.07	104	264728	20.964	ug/l	98
71) Bromoform	13.23	173	78808	20.203	ug/l #	97
73) Isopropylbenzene	13.40	105	474818	22.000	ug/l	99
74) N-amyl acetate	13.26	43	106468	19.973	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	76939	19.760	ug/l	95
76) 1,2,3-Trichloropropane	13.73	75	83344	20.665	ug/l	98
77) Bromobenzene	13.66	156	128458	20.982	ug/l	90
78) n-propylbenzene	13.77	91	518103	20.724	ug/l	99
79) 2-Chlorotoluene	13.84	91	299084	19.714	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	390278	20.885	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.47	75	23937	21.045	ug/l #	80
82) 4-Chlorotoluene	13.94	91	358459	20.516	ug/l	84
83) tert-Butylbenzene	14.18	119	400993	19.345	ug/l	92
84) 1,2,4-Trimethylbenzene	14.23	105	390674	20.403	ug/l	95
85) sec-Butylbenzene	14.36	105	428909	19.844	ug/l	97
86) p-Isopropyltoluene	14.49	119	414226	21.148	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	232575	21.511	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	212499	20.367	ug/l	97
89) n-Butylbenzene	14.79	91	378191	20.007	ug/l	96
90) Hexachloroethane	15.00	117	109476	20.224	ug/l	98
91) 1,2-Dichlorobenzene	14.80	146	194669	21.174	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	13905	18.814	ug/l	73

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052319\
Data File : VD062518.D
Acq On : 23 May 2019 13:27
Operator : VA/AP
Sample : VD0523SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS01

Quant Time: May 24 01:19:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	134329	18.556	ug/l	97
94) Hexachlorobutadiene	16.03	225	103687	19.398	ug/l	97
95) Naphthalene	16.12	128	207551	20.983	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	112992	19.040	ug/l	96

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

