

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061579.D
 Acq On : 4 Apr 2019 15:21
 Operator : VA/AP
 Sample : VD0404SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBS01

Quant Time: Apr 05 01:10:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	632990	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1008220	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	845262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	373332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	260036	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	6.91	113	412502	53.54	ug/l	0.01
Spiked Amount			Recovery	=	107.08%	
50) Toluene-d8	10.39	98	968560	52.41	ug/l	0.01
Spiked Amount			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	13.54	95	400284	56.49	ug/l	0.00
Spiked Amount			Recovery	=	112.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	142460	21.074	ug/l	99
3) Chloromethane	1.75	50	115065	20.871	ug/l	99
4) Vinyl Chloride	1.85	62	115762	22.868	ug/l	99
5) Bromomethane	2.15	94	18567	18.497	ug/l #	94
6) Chloroethane	2.25	64	33030	22.250	ug/l #	87
7) Trichlorofluoromethane	2.52	101	165647	22.503	ug/l	99
8) Diethyl Ether	2.86	74	50799	21.434	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	167158	21.123	ug/l	94
10) Methyl Iodide	3.30	142	204020	19.249	ug/l	100
11) Tert butyl alcohol	4.05	59	35752	106.169	ug/l	98
12) 1,1-Dichloroethene	3.12	96	150088	22.090	ug/l	98
13) Acrolein	3.02	56	22037	69.331	ug/l	96
14) Allyl chloride	3.61	41	196561	20.742	ug/l	97
15) Acrylonitrile	4.18	53	109606	93.778	ug/l	96
16) Acetone	3.21	43	139283	100.202	ug/l	96
17) Carbon Disulfide	3.37	76	430776	19.514	ug/l	99
18) Methyl Acetate	3.63	43	61227	20.950	ug/l	98
19) Methyl tert-butyl Ether	4.22	73	239536	20.367	ug/l	99
20) Methylene Chloride	3.80	84	199585	24.658	ug/l	96
21) trans-1,2-Dichloroethene	4.20	96	152407	20.777	ug/l	93
22) Diisopropyl ether	5.10	45	442646	22.073	ug/l	98
23) Vinyl Acetate	5.04	43	1211245	111.194	ug/l	100
24) 1,1-Dichloroethane	4.96	63	240676	20.422	ug/l	97
25) 2-Butanone	6.05	43	167978	96.068	ug/l	98
26) 2,2-Dichloropropane	6.00	77	204643	21.843	ug/l	99
27) cis-1,2-Dichloroethene	6.01	96	171225	21.305	ug/l	95
28) Bromochloromethane	6.42	49	95828	20.143	ug/l #	99
29) Tetrahydrofuran	6.43	42	86774	102.388	ug/l	97
30) Chloroform	6.64	83	262448	21.552	ug/l	98
31) Cyclohexane	6.93	56	199525	21.424	ug/l	99
32) 1,1,1-Trichloroethane	6.85	97	243879	22.701	ug/l	97
36) 1,1-Dichloropropene	7.13	75	205802	23.388	ug/l	97
37) Ethyl Acetate	6.16	43	82400	21.896	ug/l	99
38) Carbon Tetrachloride	7.10	117	236530	23.392	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061579.D
 Acq On : 4 Apr 2019 15:21
 Operator : VA/AP
 Sample : VD0404SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0404SBS01

Quant Time: Apr 05 01:10:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	226630	24.729	ug/l	98
40) Benzene	7.43	78	483357	21.887	ug/l	97
41) Methacrylonitrile	6.43	41	93254	21.193	ug/l #	97
42) 1,2-Dichloroethane	7.56	62	161076	24.383	ug/l	99
43) Isopropyl Acetate	9.22	43	112668	20.576	ug/l	99
44) Trichloroethene	8.52	130	195790	23.823	ug/l	94
45) 1,2-Dichloropropane	8.92	63	130069	23.227	ug/l	97
46) Dibromomethane	9.05	93	87710	23.270	ug/l	94
47) Bromodichloromethane	9.36	83	197427	23.337	ug/l	98
48) Methyl methacrylate	9.11	41	67451	22.321	ug/l	94
49) 1,4-Dioxane	9.07	88	14219	426.596	ug/l #	91
51) 4-Methyl-2-Pentanone	10.28	43	382053	114.686	ug/l	95
52) Toluene	10.49	92	302489	22.451	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	165594	21.545	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	199892	21.358	ug/l	98
55) 1,1,2-Trichloroethane	11.17	97	100871	21.408	ug/l	98
56) Ethyl methacrylate	11.02	69	111779	22.083	ug/l	96
57) 1,3-Dichloropropane	11.39	76	160593	23.189	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.83	63	282601	114.643	ug/l	100
59) 2-Hexanone	11.52	43	277434	114.945	ug/l	98
60) Dibromochloromethane	11.67	129	166413	22.910	ug/l	96
61) 1,2-Dibromoethane	11.79	107	124186	22.761	ug/l	100
64) Tetrachloroethene	11.24	164	149706	22.567	ug/l	98
65) Chlorobenzene	12.38	112	402899	23.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.50	131	150247	22.464	ug/l	99
67) Ethyl Benzene	12.51	91	608802	23.090	ug/l	97
68) m/p-Xylenes	12.66	106	474254	47.483	ug/l	98
69) o-Xylene	13.04	106	209278	21.592	ug/l	95
70) Styrene	13.06	104	388929	23.019	ug/l	98
71) Bromoform	13.22	173	89184	21.035	ug/l	98
73) Isopropylbenzene	13.40	105	636702	24.504	ug/l	99
74) N-amyl acetate	13.26	43	149424	20.644	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	114572	20.903	ug/l	94
76) 1,2,3-Trichloropropane	13.72	75	118501	21.974	ug/l	98
77) Bromobenzene	13.66	156	165607	21.499	ug/l	82
78) n-propylbenzene	13.76	91	747359	23.503	ug/l	97
79) 2-Chlorotoluene	13.83	91	353974	20.502	ug/l	99
80) 1,3,5-Trimethylbenzene	13.92	105	517913	25.690	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	34193	20.795	ug/l	96
82) 4-Chlorotoluene	13.94	91	488030	25.996	ug/l	95
83) tert-Butylbenzene	14.17	119	535505	21.255	ug/l	100
84) 1,2,4-Trimethylbenzene	14.22	105	504691	23.123	ug/l	99
85) sec-Butylbenzene	14.36	105	618863	23.122	ug/l	97
86) p-Isopropyltoluene	14.48	119	520541	22.999	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	302593	23.197	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	289019	22.720	ug/l	98
89) n-Butylbenzene	14.79	91	486845	23.436	ug/l	99
90) Hexachloroethane	15.00	117	147841	23.122	ug/l	87
91) 1,2-Dichlorobenzene	14.80	146	233228	21.798	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	13824	21.504	ug/l #	42

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
Data File : VD061579.D
Acq On : 4 Apr 2019 15:21
Operator : VA/AP
Sample : VD0404SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0404SBSD01

Quant Time: Apr 05 01:10:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	122797	25.194	ug/l	96
94) Hexachlorobutadiene	16.03	225	89524	23.505	ug/l	93
95) Naphthalene	16.11	128	188740	25.405	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	66140	30.838	ug/l	97

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

