

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
 Data File : VD063757.D
 Acq On : 23 Aug 2019 11:04
 Operator : JC/SY
 Sample : VD0823SBS02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

Quant Time: Aug 26 01:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	977871	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1302343	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1137102	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	602208	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	521248	49.87	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	6.91	113	570920	52.05	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	10.40	98	1183049	49.06	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	13.55	95	527972	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.55	85	235006	19.864	ug/l	93
3) Chloromethane	1.73	50	176928	19.141	ug/l	97
4) Vinyl Chloride	1.83	62	176703	19.257	ug/l	92
5) Bromomethane	2.13	94	75162	17.360	ug/l	93
6) Chloroethane	2.24	64	83945	20.005	ug/l	97
7) Trichlorofluoromethane	2.51	101	389821	21.658	ug/l	96
8) Diethyl Ether	2.85	74	48169	18.955	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.13	101	222589	20.944	ug/l	90
10) Methyl Iodide	3.28	142	257281	17.109	ug/l	97
11) Tert butyl alcohol	4.07	59	47443	104.264	ug/l	95
12) 1,1-Dichloroethene	3.10	96	170569	21.587	ug/l	91
13) Acrolein	3.01	56	31885	71.189	ug/l	99
14) Allyl chloride	3.59	41	241453	20.327	ug/l	96
15) Acrylonitrile	4.17	53	128092	106.278	ug/l	97
16) Acetone	3.21	43	197323	92.865	ug/l	94
17) Carbon Disulfide	3.34	76	457267	18.336	ug/l	100
18) Methyl Acetate	3.62	43	76917	19.111	ug/l	100
19) Methyl tert-butyl Ether	4.22	73	340253	21.532	ug/l	97
20) Methylene Chloride	3.79	84	172367	18.760	ug/l	# 92
21) trans-1,2-Dichloroethene	4.19	96	182125	21.903	ug/l	91
22) Diisopropyl ether	5.11	45	510768	20.838	ug/l	98
23) Vinyl Acetate	5.04	43	1503803	105.531	ug/l	100
24) 1,1-Dichloroethane	4.96	63	310567	20.428	ug/l	98
25) 2-Butanone	6.05	43	210475	100.295	ug/l	92
26) 2,2-Dichloropropane	6.00	77	325770	21.514	ug/l	99
27) cis-1,2-Dichloroethene	6.02	96	197039	21.659	ug/l	90
28) Bromochloromethane	6.43	49	117137	19.011	ug/l	98
29) Tetrahydrofuran	6.45	42	101751	104.053	ug/l	99
30) Chloroform	6.65	83	369165	19.536	ug/l	94
31) Cyclohexane	6.93	56	188549	19.978	ug/l	97
32) 1,1,1-Trichloroethane	6.85	97	370319	20.486	ug/l	96
36) 1,1-Dichloropropene	7.13	75	266334	23.133	ug/l	95
37) Ethyl Acetate	6.17	43	95220	19.738	ug/l	# 95
38) Carbon Tetrachloride	7.09	117	350474	20.199	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
 Data File : VD063757.D
 Acq On : 23 Aug 2019 11:04
 Operator : JC/SY
 Sample : VD0823SBS02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

Quant Time: Aug 26 01:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	202538	20.688	ug/l	97
40) Benzene	7.44	78	561500	22.162	ug/l	98
41) Methacrylonitrile	6.43	41	125879	20.723	ug/l #	87
42) 1,2-Dichloroethane	7.56	62	262765	20.626	ug/l	96
43) Isopropyl Acetate	9.23	43	126662	19.603	ug/l #	97
44) Trichloroethene	8.53	130	221157	22.837	ug/l	91
45) 1,2-Dichloropropane	8.93	63	126844	21.498	ug/l #	88
46) Dibromomethane	9.05	93	108217	21.477	ug/l	93
47) Bromodichloromethane	9.37	83	283202	21.912	ug/l	94
48) Methyl methacrylate	9.11	41	90523	20.658	ug/l	91
49) 1,4-Dioxane	9.07	88	14726	391.767	ug/l #	56
51) 4-Methyl-2-Pentanone	10.29	43	492635	111.424	ug/l	91
52) Toluene	10.50	92	341406	20.921	ug/l	96
53) t-1,3-Dichloropropene	10.90	75	218332	20.699	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	252630	21.241	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	122481	22.219	ug/l	96
56) Ethyl methacrylate	11.03	69	124817	20.861	ug/l	94
57) 1,3-Dichloropropane	11.41	76	188111	22.576	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.85	63	348064	110.192	ug/l	98
59) 2-Hexanone	11.52	43	347300	107.956	ug/l	98
60) Dibromochloromethane	11.67	129	216612	21.595	ug/l	94
61) 1,2-Dibromoethane	11.80	107	137593	20.619	ug/l	100
64) Tetrachloroethene	11.25	164	181991	20.732	ug/l	95
65) Chlorobenzene	12.39	112	415279	19.486	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	198644	21.179	ug/l	95
67) Ethyl Benzene	12.52	91	781872	21.099	ug/l	98
68) m/p-Xylenes	12.66	106	532235	40.881	ug/l	97
69) o-Xylene	13.04	106	238623	19.044	ug/l	90
70) Styrene	13.07	104	441482	19.807	ug/l	96
71) Bromoform	13.23	173	133182	20.708	ug/l	99
73) Isopropylbenzene	13.40	105	833721	21.766	ug/l	99
74) N-amyl acetate	13.26	43	191281	19.893	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	128014	20.135	ug/l	91
76) 1,2,3-Trichloropropane	13.73	75	139863	20.237	ug/l	96
77) Bromobenzene	13.67	156	215925	20.626	ug/l	72
78) n-propylbenzene	13.77	91	970131	21.647	ug/l	97
79) 2-Chlorotoluene	13.84	91	542136	20.980	ug/l	94
80) 1,3,5-Trimethylbenzene	13.93	105	677222	20.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	35151	18.923	ug/l	82
82) 4-Chlorotoluene	13.95	91	654024	21.048	ug/l	96
83) tert-Butylbenzene	14.18	119	773338	21.943	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	707438	22.845	ug/l	92
85) sec-Butylbenzene	14.36	105	792840	21.184	ug/l	95
86) p-Isopropyltoluene	14.49	119	789883	22.073	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	371759	19.633	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	389399	21.434	ug/l	97
89) n-Butylbenzene	14.79	91	666024	20.392	ug/l	92
90) Hexachloroethane	15.00	117	191593	21.301	ug/l	83
91) 1,2-Dichlorobenzene	14.80	146	324803	20.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	21441	17.911	ug/l	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
Data File : VD063757.D
Acq On : 23 Aug 2019 11:04
Operator : JC/SY
Sample : VD0823SBS02
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS02

Quant Time: Aug 26 01:04:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	242934	20.550	ug/l	92
94) Hexachlorobutadiene	16.03	225	182768	20.286	ug/l	96
95) Naphthalene	16.12	128	377498	21.071	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	207090	21.689	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
 Data File : VD063757.D
 Acq On : 23 Aug 2019 11:04
 Operator : JC/SY
 Sample : VD0823SBS02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS02

Quant Time: Aug 26 01:04:19 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

