

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
 Data File : VD063756.D
 Acq On : 23 Aug 2019 10:37
 Operator : JC/SY
 Sample : VD0823SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Quant Time: Aug 26 01:03:38 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	7.04	168	967841	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1355305	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1066112	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	564552	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	560205	54.15	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	6.91	113	599176	52.49	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.41	98	1354652	53.98	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	13.56	95	569334	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	242965	20.750	ug/l	96
3) Chloromethane	1.74	50	186676	20.405	ug/l	99
4) Vinyl Chloride	1.83	62	187160	20.608	ug/l	95
5) Bromomethane	2.14	94	69876	16.306	ug/l	90
6) Chloroethane	2.24	64	86352	20.792	ug/l	98
7) Trichlorofluoromethane	2.51	101	430981	24.193	ug/l	97
8) Diethyl Ether	2.86	74	57321	22.790	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.13	101	218803	20.801	ug/l	99
10) Methyl Iodide	3.28	142	265229	17.821	ug/l	96
11) Tert butyl alcohol	4.08	59	47113	104.612	ug/l	97
12) 1,1-Dichloroethene	3.10	96	165007	21.099	ug/l	96
13) Acrolein	3.02	56	37109	83.712	ug/l	90
14) Allyl chloride	3.60	41	253844	21.592	ug/l	97
15) Acrylonitrile	4.17	53	138979	116.506	ug/l #	78
16) Acetone	3.21	43	232013	110.323	ug/l	96
17) Carbon Disulfide	3.36	76	492976	19.973	ug/l	98
18) Methyl Acetate	3.62	43	92098	23.120	ug/l #	90
19) Methyl tert-butyl Ether	4.22	73	356710	22.807	ug/l	98
20) Methylene Chloride	3.80	84	180372	19.835	ug/l	94
21) trans-1,2-Dichloroethene	4.19	96	183642	22.315	ug/l	92
22) Diisopropyl ether	5.10	45	552252	22.764	ug/l	93
23) Vinyl Acetate	5.04	43	1557079	110.403	ug/l	99
24) 1,1-Dichloroethane	4.96	63	325918	21.660	ug/l	99
25) 2-Butanone	6.06	43	224448	108.062	ug/l	97
26) 2,2-Dichloropropane	6.02	77	343190	22.899	ug/l	94
27) cis-1,2-Dichloroethene	6.02	96	201531	22.382	ug/l	97
28) Bromochloromethane	6.42	49	117036	19.192	ug/l	94
29) Tetrahydrofuran	6.46	42	104448	107.918	ug/l	94
30) Chloroform	6.65	83	424136	22.678	ug/l	94
31) Cyclohexane	6.94	56	208493	22.320	ug/l	94
32) 1,1,1-Trichloroethane	6.85	97	402069	22.473	ug/l	99
36) 1,1-Dichloropropene	7.14	75	256755	21.430	ug/l	98
37) Ethyl Acetate	6.17	43	113908	22.689	ug/l #	94
38) Carbon Tetrachloride	7.10	117	362848	20.094	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
 Data File : VD063756.D
 Acq On : 23 Aug 2019 10:37
 Operator : JC/SY
 Sample : VD0823SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Quant Time: Aug 26 01:03:38 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	8.86	83	226287	22.211	ug/l	93
40) Benzene	7.44	78	569908	21.615	ug/l	94
41) Methacrylonitrile	6.43	41	145399	23.001	ug/l #	92
42) 1,2-Dichloroethane	7.57	62	284558	21.464	ug/l	100
43) Isopropyl Acetate	9.23	43	150728	22.416	ug/l #	99
44) Trichloroethene	8.54	130	222692	22.097	ug/l	98
45) 1,2-Dichloropropane	8.93	63	130727	21.291	ug/l	98
46) Dibromomethane	9.06	93	116086	22.139	ug/l	94
47) Bromodichloromethane	9.37	83	305135	22.686	ug/l	94
48) Methyl methacrylate	9.12	41	100321	22.000	ug/l	97
49) 1,4-Dioxane	9.09	88	19887	501.030	ug/l #	86
51) 4-Methyl-2-Pentanone	10.30	43	535278	116.337	ug/l	97
52) Toluene	10.50	92	366229	21.565	ug/l	96
53) t-1,3-Dichloropropene	10.91	75	253635	23.107	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	263163	21.262	ug/l	90
55) 1,1,2-Trichloroethane	11.18	97	127745	22.268	ug/l	98
56) Ethyl methacrylate	11.04	69	139108	22.341	ug/l	96
57) 1,3-Dichloropropane	11.40	76	201042	23.185	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	355886	108.265	ug/l	96
59) 2-Hexanone	11.53	43	411849	123.018	ug/l	97
60) Dibromochloromethane	11.69	129	234569	22.471	ug/l	99
61) 1,2-Dibromoethane	11.80	107	152035	21.892	ug/l	98
64) Tetrachloroethene	11.25	164	201867	24.528	ug/l	93
65) Chlorobenzene	12.39	112	446482	22.345	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	207632	23.611	ug/l	97
67) Ethyl Benzene	12.52	91	829574	23.877	ug/l	98
68) m/p-Xylenes	12.66	106	597158	48.922	ug/l	91
69) o-Xylene	13.04	106	279294	23.774	ug/l	96
70) Styrene	13.07	104	510082	24.409	ug/l	94
71) Bromoform	13.23	173	135777	22.518	ug/l	97
73) Isopropylbenzene	13.40	105	862569	24.021	ug/l	98
74) N-amyl acetate	13.26	43	224129	24.864	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	143471	24.072	ug/l	93
76) 1,2,3-Trichloropropane	13.73	75	165741	25.581	ug/l	99
77) Bromobenzene	13.66	156	230882	23.526	ug/l	96
78) n-propylbenzene	13.77	91	1039947	24.752	ug/l	98
79) 2-Chlorotoluene	13.84	91	604610	24.959	ug/l	87
80) 1,3,5-Trimethylbenzene	13.93	105	682958	21.768	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.47	75	42200	24.233	ug/l	92
82) 4-Chlorotoluene	13.94	91	672312	23.080	ug/l	97
83) tert-Butylbenzene	14.19	119	881927	26.694	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	766459	26.402	ug/l	95
85) sec-Butylbenzene	14.36	105	934614	26.637	ug/l	100
86) p-Isopropyltoluene	14.49	119	835504	24.905	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	396745	22.350	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	406439	23.864	ug/l	96
89) n-Butylbenzene	14.80	91	798587	26.082	ug/l	98
90) Hexachloroethane	15.00	117	206470	24.486	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	389499	25.862	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25976	23.146	ug/l	77

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
Data File : VD063756.D
Acq On : 23 Aug 2019 10:37
Operator : JC/SY
Sample : VD0823SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Quant Time: Aug 26 01:03:38 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	294983	26.618	ug/l	96
94) Hexachlorobutadiene	16.04	225	207584	24.577	ug/l	95
95) Naphthalene	16.13	128	398306	23.716	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	230352	25.735	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
 Data File : VD063756.D
 Acq On : 23 Aug 2019 10:37
 Operator : JC/SY
 Sample : VD0823SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Quant Time: Aug 26 01:03:38 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

