

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063432.D
 Acq On : 8 Aug 2019 12:27
 Operator : JC/SY
 Sample : VD0808SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Quant Time: Aug 09 06:55:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1044586	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1467991	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1186184	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	616725	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	597727	51.57	ug/l	0.02
Spiked Amount			Recovery	=	103.14%	
35) Dibromofluoromethane	6.94	113	662183	52.83	ug/l	0.03
Spiked Amount			Recovery	=	105.66%	
50) Toluene-d8	10.42	98	1553444	55.38	ug/l	0.02
Spiked Amount			Recovery	=	110.76%	
62) 4-Bromofluorobenzene	13.56	95	657481	51.44	ug/l	0.01
Spiked Amount			Recovery	=	102.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	263033	20.600	ug/l	96
3) Chloromethane	1.75	50	216704	21.844	ug/l	94
4) Vinyl Chloride	1.85	62	220953	21.515	ug/l	96
5) Bromomethane	2.15	94	89488	17.277	ug/l	99
6) Chloroethane	2.26	64	99465	20.977	ug/l	99
7) Trichlorofluoromethane	2.54	101	416395	20.899	ug/l	97
8) Diethyl Ether	2.88	74	55209	19.800	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.15	101	252400	22.870	ug/l	97
10) Methyl Iodide	3.32	142	278309	17.456	ug/l	92
11) Tert butyl alcohol	4.10	59	43412	85.347	ug/l #	93
12) 1,1-Dichloroethene	3.13	96	190225	23.478	ug/l #	77
13) Acrolein	3.04	56	34041	69.538	ug/l	99
14) Allyl chloride	3.63	41	266292	20.631	ug/l	96
15) Acrylonitrile	4.21	53	137763	104.466	ug/l	93
16) Acetone	3.24	43	223540	98.985	ug/l	99
17) Carbon Disulfide	3.37	76	544768	20.088	ug/l #	95
18) Methyl Acetate	3.65	43	95741	22.071	ug/l #	90
19) Methyl tert-butyl Ether	4.25	73	379366	20.728	ug/l	96
20) Methylene Chloride	3.82	84	198375	21.732	ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	192316	21.155	ug/l	87
22) Diisopropyl ether	5.14	45	552728	21.434	ug/l	97
23) Vinyl Acetate	5.07	43	1599136	100.883	ug/l	99
24) 1,1-Dichloroethane	5.00	63	345481	20.974	ug/l	97
25) 2-Butanone	6.09	43	238020	105.021	ug/l #	91
26) 2,2-Dichloropropane	6.03	77	355448	20.940	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	214650	22.022	ug/l	88
28) Bromochloromethane	6.45	49	153218	23.347	ug/l	85
29) Tetrahydrofuran	6.48	42	114595	106.796	ug/l	98
30) Chloroform	6.68	83	419352	20.515	ug/l	97
31) Cyclohexane	6.97	56	202583	19.622	ug/l	94
32) 1,1,1-Trichloroethane	6.88	97	407432	20.606	ug/l	99
36) 1,1-Dichloropropene	7.15	75	270755	20.210	ug/l	94
37) Ethyl Acetate	6.20	43	123000	20.436	ug/l #	95
38) Carbon Tetrachloride	7.13	117	408634	20.260	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063432.D
 Acq On : 8 Aug 2019 12:27
 Operator : JC/SY
 Sample : VD0808SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Quant Time: Aug 09 06:55:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	228991	20.515	ug/l	94
40) Benzene	7.47	78	585345	20.847	ug/l	97
41) Methacrylonitrile	6.46	41	152755	21.217	ug/l #	86
42) 1,2-Dichloroethane	7.60	62	309464	20.796	ug/l	100
43) Isopropyl Acetate	9.25	43	155182	20.184	ug/l #	96
44) Trichloroethene	8.55	130	229816	20.199	ug/l	94
45) 1,2-Dichloropropane	8.95	63	141898	19.883	ug/l	89
46) Dibromomethane	9.07	93	125439	21.139	ug/l	90
47) Bromodichloromethane	9.39	83	310853	20.550	ug/l	99
48) Methyl methacrylate	9.13	41	109644	21.988	ug/l	97
49) 1,4-Dioxane	9.09	88	20667	487.156	ug/l #	81
51) 4-Methyl-2-Pentanone	10.31	43	556896	106.506	ug/l	99
52) Toluene	10.52	92	381457	20.426	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	270600	20.750	ug/l	97
54) cis-1,3-Dichloropropene	10.05	75	302538	22.073	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	137673	21.828	ug/l	91
56) Ethyl methacrylate	11.05	69	142988	20.703	ug/l	98
57) 1,3-Dichloropropane	11.42	76	211557	21.289	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.87	63	402204	111.919	ug/l	96
59) 2-Hexanone	11.55	43	384693	102.092	ug/l	100
60) Dibromochloromethane	11.69	129	236440	19.858	ug/l	98
61) 1,2-Dibromoethane	11.82	107	161395	20.738	ug/l	98
64) Tetrachloroethene	11.27	164	198554	21.011	ug/l	91
65) Chlorobenzene	12.41	112	487585	21.371	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	217279	21.620	ug/l	96
67) Ethyl Benzene	12.53	91	812462	20.962	ug/l	99
68) m/p-Xylenes	12.68	106	629120	44.261	ug/l	95
69) o-Xylene	13.06	106	277811	21.284	ug/l	98
70) Styrene	13.08	104	489568	21.149	ug/l	99
71) Bromoform	13.24	173	150521	20.595	ug/l	96
73) Isopropylbenzene	13.41	105	903190	23.334	ug/l	97
74) N-amyl acetate	13.27	43	224275	21.917	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.71	83	153951	23.414	ug/l	92
76) 1,2,3-Trichloropropane	13.74	75	157682	21.286	ug/l	98
77) Bromobenzene	13.68	156	240907	21.848	ug/l	83
78) n-propylbenzene	13.78	91	1042922	22.641	ug/l	100
79) 2-Chlorotoluene	13.85	91	611622	22.915	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	691628	20.717	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	38595	18.763	ug/l	97
82) 4-Chlorotoluene	13.96	91	673218	21.433	ug/l	100
83) tert-Butylbenzene	14.19	119	783951	20.566	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	728624	21.100	ug/l	97
85) sec-Butylbenzene	14.37	105	858902	21.386	ug/l	97
86) p-Isopropyltoluene	14.50	119	740731	19.324	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	429354	21.987	ug/l	97
88) 1,4-Dichlorobenzene	14.55	146	423587	21.451	ug/l	97
89) n-Butylbenzene	14.80	91	765860	23.133	ug/l	98
90) Hexachloroethane	15.01	117	210266	21.054	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	384518	22.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26522	19.803	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080819\
Data File : VD063432.D
Acq On : 8 Aug 2019 12:27
Operator : JC/SY
Sample : VD0808SBS01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0808SBS01

Quant Time: Aug 09 06:55:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	274153	20.312	ug/l	97
94) Hexachlorobutadiene	16.04	225	198875	20.333	ug/l	98
95) Naphthalene	16.13	128	409894	21.486	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	207492	19.460	ug/l	99

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

