

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063552.D
 Acq On : 14 Aug 2019 3:56
 Operator : JC/SY
 Sample : VD0813SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS02

Quant Time: Aug 14 08:33:51 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	7.06	168	977389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1385307	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1199108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	611856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	580562	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	
35) Dibromofluoromethane	6.93	113	640278	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
50) Toluene-d8	10.42	98	1343957	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	13.56	95	633035	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	229465	19.406	ug/l	95
3) Chloromethane	1.75	50	178069	19.274	ug/l	99
4) Vinyl Chloride	1.85	62	165912	18.090	ug/l	92
5) Bromomethane	2.15	94	90061	20.811	ug/l #	87
6) Chloroethane	2.26	64	91488	21.814	ug/l	98
7) Trichlorofluoromethane	2.53	101	355840	19.780	ug/l	97
8) Diethyl Ether	2.87	74	51304	20.199	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.15	101	213704	20.118	ug/l	99
10) Methyl Iodide	3.30	142	269805	17.951	ug/l	99
11) Tert butyl alcohol	4.08	59	52790	116.072	ug/l #	94
12) 1,1-Dichloroethene	3.13	96	152738	19.340	ug/l	83
13) Acrolein	3.05	56	37174	83.039	ug/l #	78
14) Allyl chloride	3.62	41	241844	20.370	ug/l	98
15) Acrylonitrile	4.21	53	138234	114.749	ug/l	96
16) Acetone	3.23	43	197424	92.959	ug/l	94
17) Carbon Disulfide	3.37	76	468140	18.782	ug/l	99
18) Methyl Acetate	3.65	43	109763	27.286	ug/l	96
19) Methyl tert-butyl Ether	4.25	73	371170	23.500	ug/l	99
20) Methylene Chloride	3.82	84	189739	20.661	ug/l	99
21) trans-1,2-Dichloroethene	4.23	96	167296	20.130	ug/l	91
22) Diisopropyl ether	5.13	45	500266	20.420	ug/l	92
23) Vinyl Acetate	5.07	43	1534265	107.722	ug/l	98
24) 1,1-Dichloroethane	4.99	63	315175	20.742	ug/l	97
25) 2-Butanone	6.08	43	231563	110.399	ug/l #	90
26) 2,2-Dichloropropane	6.03	77	297842	19.679	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	209337	23.022	ug/l	97
28) Bromochloromethane	6.45	49	125934	20.449	ug/l	96
29) Tetrahydrofuran	6.46	42	118229	120.964	ug/l	100
30) Chloroform	6.67	83	385007	20.384	ug/l	98
31) Cyclohexane	6.97	56	176489	18.709	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	358846	19.862	ug/l	94
36) 1,1-Dichloropropene	7.15	75	243472	19.881	ug/l	97
37) Ethyl Acetate	6.20	43	107925	21.031	ug/l	99
38) Carbon Tetrachloride	7.11	117	355734	19.274	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	205428	19.727	ug/l	96
40) Benzene	7.46	78	535127	19.856	ug/l	96
41) Methacrylonitrile	6.46	41	154520	23.915	ug/l #	94
42) 1,2-Dichloroethane	7.59	62	313811	23.157	ug/l	96
43) Isopropyl Acetate	9.25	43	146439	21.307	ug/l #	99
44) Trichloroethene	8.55	130	192968	18.733	ug/l	98
45) 1,2-Dichloropropane	8.95	63	140642	22.409	ug/l	97
46) Dibromomethane	9.07	93	123804	23.099	ug/l	93
47) Bromodichloromethane	9.38	83	302492	22.003	ug/l	99
48) Methyl methacrylate	9.13	41	101439	21.763	ug/l	93
49) 1,4-Dioxane	9.09	88	16086	401.653	ug/l #	66
51) 4-Methyl-2-Pentanone	10.31	43	520240	110.620	ug/l	98
52) Toluene	10.52	92	371573	21.406	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	234897	20.936	ug/l	95
54) cis-1,3-Dichloropropene	10.05	75	247166	19.537	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	129749	22.128	ug/l	98
56) Ethyl methacrylate	11.05	69	143412	22.534	ug/l	98
57) 1,3-Dichloropropane	11.42	76	187924	21.202	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	373132	111.053	ug/l	96
59) 2-Hexanone	11.54	43	372411	108.829	ug/l	96
60) Dibromochloromethane	11.69	129	230274	21.582	ug/l	88
61) 1,2-Dibromoethane	11.81	107	154612	21.781	ug/l	97
64) Tetrachloroethene	11.27	164	188459	20.359	ug/l	97
65) Chlorobenzene	12.40	112	474577	21.117	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	196070	19.823	ug/l	91
67) Ethyl Benzene	12.53	91	764361	19.560	ug/l	94
68) m/p-Xylenes	12.68	106	540937	39.401	ug/l	92
69) o-Xylene	13.05	106	241092	18.246	ug/l	97
70) Styrene	13.08	104	420483	17.890	ug/l	96
71) Bromoform	13.24	173	141905	20.924	ug/l	95
73) Isopropylbenzene	13.41	105	796393	20.464	ug/l	100
74) N-amyl acetate	13.27	43	215934	22.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	140059	21.682	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	146643	20.883	ug/l	95
77) Bromobenzene	13.67	156	220541	20.735	ug/l	98
78) n-propylbenzene	13.78	91	828143	18.187	ug/l	99
79) 2-Chlorotoluene	13.85	91	525202	20.004	ug/l	88
80) 1,3,5-Trimethylbenzene	13.94	105	656104	19.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	29664	15.717	ug/l	91
82) 4-Chlorotoluene	13.95	91	638009	20.209	ug/l	94
83) tert-Butylbenzene	14.19	119	766459	21.405	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	667814	21.226	ug/l	92
85) sec-Butylbenzene	14.37	105	729554	19.186	ug/l	99
86) p-Isopropyltoluene	14.50	119	665099	18.293	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	406254	21.116	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	395761	21.441	ug/l	96
89) n-Butylbenzene	14.80	91	655027	19.739	ug/l	94
90) Hexachloroethane	15.01	117	194158	21.246	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	363065	22.243	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	24918	20.487	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	241833	20.135	µg/l	98
94) Hexachlorobutadiene	16.04	225	171152	18.697	µg/l	95
95) Naphthalene	16.12	128	368909	20.267	µg/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	194107	20.009	µg/l	99

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

