

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063417.D
 Acq On : 7 Aug 2019 11:53
 Operator : JC/SY
 Sample : VD0807SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Quant Time: Aug 08 08:04:47 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	938589	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1304027	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1054937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	570940	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	562186	53.98	ug/l	0.02
Spiked Amount			Recovery	=	107.96%	
35) Dibromofluoromethane	6.93	113	622109	55.88	ug/l	0.02
Spiked Amount			Recovery	=	111.76%	
50) Toluene-d8	10.42	98	1356005	54.42	ug/l	0.02
Spiked Amount			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	13.56	95	580276	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	254575	22.189	ug/l	96
3) Chloromethane	1.75	50	202589	22.727	ug/l #	87
4) Vinyl Chloride	1.85	62	204915	22.206	ug/l	94
5) Bromomethane	2.15	94	87489	18.799	ug/l	97
6) Chloroethane	2.26	64	92490	21.709	ug/l #	82
7) Trichlorofluoromethane	2.53	101	402548	22.486	ug/l	97
8) Diethyl Ether	2.87	74	47226	18.849	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.15	101	229711	23.164	ug/l	96
10) Methyl Iodide	3.30	142	260940	18.215	ug/l	93
11) Tert butyl alcohol	4.09	59	46803	102.404	ug/l #	87
12) 1,1-Dichloroethene	3.13	96	172615	23.711	ug/l	85
13) Acrolein	3.04	56	28170	64.043	ug/l	100
14) Allyl chloride	3.62	41	249874	21.546	ug/l	86
15) Acrylonitrile	4.20	53	117187	98.899	ug/l	97
16) Acetone	3.23	43	208912	102.955	ug/l	99
17) Carbon Disulfide	3.37	76	507592	20.831	ug/l	98
18) Methyl Acetate	3.64	43	82519	21.171	ug/l	94
19) Methyl tert-butyl Ether	4.25	73	356562	21.683	ug/l	97
20) Methylene Chloride	3.82	84	168964	20.600	ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	184228	22.553	ug/l	94
22) Diisopropyl ether	5.13	45	495305	21.377	ug/l	94
23) Vinyl Acetate	5.07	43	1490196	104.628	ug/l	98
24) 1,1-Dichloroethane	4.99	63	322195	21.770	ug/l	96
25) 2-Butanone	6.08	43	214323	105.244	ug/l	98
26) 2,2-Dichloropropane	6.02	77	357881	23.464	ug/l	95
27) cis-1,2-Dichloroethene	6.04	96	192258	21.953	ug/l	93
28) Bromochloromethane	6.45	49	137668	23.346	ug/l	94
29) Tetrahydrofuran	6.47	42	94382	97.892	ug/l	95
30) Chloroform	6.67	83	403624	21.975	ug/l	97
31) Cyclohexane	6.96	56	183352	19.765	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	412863	23.239	ug/l	98
36) 1,1-Dichloropropene	7.15	75	265781	22.333	ug/l	98
37) Ethyl Acetate	6.19	43	101979	19.074	ug/l	96
38) Carbon Tetrachloride	7.12	117	390313	21.785	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	218418	22.028	ug/l	96
40) Benzene	7.46	78	543495	21.790	ug/l	97
41) Methacrylonitrile	6.45	41	132700	20.749	ug/l #	87
42) 1,2-Dichloroethane	7.59	62	288998	21.863	ug/l	98
43) Isopropyl Acetate	9.24	43	139801	20.470	ug/l #	91
44) Trichloroethene	8.54	130	203402	20.125	ug/l	96
45) 1,2-Dichloropropane	8.95	63	128015	20.193	ug/l	90
46) Dibromomethane	9.07	93	113520	21.535	ug/l	95
47) Bromodichloromethane	9.38	83	288567	21.475	ug/l	94
48) Methyl methacrylate	9.13	41	100811	22.759	ug/l	92
49) 1,4-Dioxane	9.07	88	17769	471.377	ug/l #	77
51) 4-Methyl-2-Pentanone	10.30	43	476410	102.569	ug/l	97
52) Toluene	10.52	92	356990	21.520	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	258193	22.288	ug/l	90
54) cis-1,3-Dichloropropene	10.05	75	254082	20.869	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	121609	21.706	ug/l	94
56) Ethyl methacrylate	11.05	69	122274	19.930	ug/l	95
57) 1,3-Dichloropropane	11.42	76	189833	21.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	363306	113.806	ug/l	91
59) 2-Hexanone	11.53	43	339773	101.509	ug/l	93
60) Dibromochloromethane	11.69	129	224146	21.192	ug/l	97
61) 1,2-Dibromoethane	11.81	107	149364	21.605	ug/l	96
64) Tetrachloroethene	11.26	164	184633	21.969	ug/l	93
65) Chlorobenzene	12.40	112	443537	21.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	194659	21.779	ug/l	94
67) Ethyl Benzene	12.53	91	808507	23.455	ug/l	98
68) m/p-Xylenes	12.68	106	562993	44.536	ug/l	95
69) o-Xylene	13.05	106	264796	22.810	ug/l	96
70) Styrene	13.08	104	478924	23.263	ug/l	100
71) Bromoform	13.24	173	136786	21.044	ug/l	97
73) Isopropylbenzene	13.41	105	841255	23.477	ug/l	99
74) N-amyl acetate	13.27	43	198846	20.991	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	128291	21.077	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	141744	20.669	ug/l	100
77) Bromobenzene	13.67	156	241258	23.634	ug/l	99
78) n-propylbenzene	13.78	91	1010814	23.704	ug/l	98
79) 2-Chlorotoluene	13.85	91	577391	23.368	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	731909	23.681	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.47	75	38535	20.236	ug/l	85
82) 4-Chlorotoluene	13.95	91	730508	25.121	ug/l	88
83) tert-Butylbenzene	14.19	119	726940	20.599	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	694605	21.728	ug/l	98
85) sec-Butylbenzene	14.37	105	847807	22.802	ug/l	99
86) p-Isopropyltoluene	14.50	119	834401	23.513	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	449981	24.892	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	360829	19.739	ug/l	91
89) n-Butylbenzene	14.80	91	736741	24.038	ug/l	98
90) Hexachloroethane	15.01	117	210964	22.818	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	344070	21.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	24656	19.886	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	283529	22.691	ug/l	96
94) Hexachlorobutadiene	16.04	225	206879	22.847	ug/l	98
95) Naphthalene	16.12	128	359865	20.377	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	205549	20.824	ug/l	98

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

