

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062582.D
 Acq On : 3 Jun 2019 13:41
 Operator : VA/AP
 Sample : VD0603SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0603SBS01

Quant Time: Jun 04 05:50:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	806658	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.23	114	1072493	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	983053	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	504090	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	531235	56.17	ug/l	-0.01
Spiked Amount 50.000			Recovery =	112.34%		
35) Dibromofluoromethane	6.93	113	512038	52.39	ug/l	-0.01
Spiked Amount 50.000			Recovery =	104.78%		
50) Toluene-d8	10.41	98	1071155	50.02	ug/l	-0.01
Spiked Amount 50.000			Recovery =	100.04%		
62) 4-Bromofluorobenzene	13.55	95	488959	50.63	ug/l	-0.01
Spiked Amount 50.000			Recovery =	101.26%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	216045	23.092	ug/l	93
3) Chloromethane	1.75	50	185870	18.221	ug/l	94
4) Vinyl Chloride	1.85	62	158470	22.174	ug/l	93
5) Bromomethane	2.15	94	52046	22.426	ug/l	95
6) Chloroethane	2.26	64	74202	22.141	ug/l	94
7) Trichlorofluoromethane	2.53	101	347534	23.011	ug/l	90
8) Diethyl Ether	2.88	74	47505	24.520	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.15	101	200577	22.490	ug/l	99
10) Methyl Iodide	3.30	142	233178	23.042	ug/l	91
11) Tert butyl alcohol	4.09	59	43944	108.929	ug/l	100
12) 1,1-Dichloroethene	3.13	96	142291	22.553	ug/l	99
13) Acrolein	3.04	56	20672	117.603	ug/l	88
14) Allyl chloride	3.62	41	208439	21.150	ug/l	93
15) Acrylonitrile	4.20	53	111675	115.798	ug/l	99
16) Acetone	3.23	43	200321	107.794	ug/l	95
17) Carbon Disulfide	3.37	76	401934	19.598	ug/l	100
18) Methyl Acetate	3.65	43	75343	24.840	ug/l	95
19) Methyl tert-butyl Ether	4.25	73	348733	22.817	ug/l	99
20) Methylene Chloride	3.82	84	151244	21.986	ug/l	95
21) trans-1,2-Dichloroethene	4.22	96	149133	20.829	ug/l	98
22) Diisopropyl ether	5.13	45	444331	22.069	ug/l #	95
23) Vinyl Acetate	5.07	43	1445427	118.382	ug/l	97
24) 1,1-Dichloroethane	4.99	63	276746	21.300	ug/l	98
25) 2-Butanone	6.08	43	200756	114.704	ug/l	99
26) 2,2-Dichloropropane	6.03	77	325414	22.576	ug/l	100
27) cis-1,2-Dichloroethene	6.04	96	163617	22.231	ug/l	95
28) Bromochloromethane	6.43	49	104333	23.239	ug/l	94
29) Tetrahydrofuran	6.46	42	92069	117.435	ug/l	94
30) Chloroform	6.67	83	351517	22.452	ug/l	98
31) Cyclohexane	6.96	56	172313	19.616	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	358398	21.996	ug/l	94
36) 1,1-Dichloropropene	7.14	75	228460	21.399	ug/l	91
37) Ethyl Acetate	6.19	43	102505	22.774	ug/l #	95
38) Carbon Tetrachloride	7.11	117	354560	22.306	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	194846	21.556	ug/l	93
40) Benzene	7.46	78	443806	21.180	ug/l	100
41) Methacrylonitrile	6.44	41	133025	25.115	ug/l #	86
42) 1,2-Dichloroethane	7.58	62	283137	24.258	ug/l	100
43) Isopropyl Acetate	9.25	43	135115	24.119	ug/l #	97
44) Trichloroethene	8.54	130	180486	21.560	ug/l	91
45) 1,2-Dichloropropane	8.94	63	113692	22.131	ug/l	97
46) Dibromomethane	9.06	93	102101	23.661	ug/l	97
47) Bromodichloromethane	9.38	83	268055	22.546	ug/l	94
48) Methyl methacrylate	9.12	41	89967	24.112	ug/l	93
49) 1,4-Dioxane	9.09	88	15594	514.549	ug/l #	71
51) 4-Methyl-2-Pentanone	10.30	43	452657	115.818	ug/l	100
52) Toluene	10.51	92	304862	21.332	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	230006	22.897	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	230977	22.116	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	109086	23.247	ug/l	93
56) Ethyl methacrylate	11.04	69	114818	22.957	ug/l	96
57) 1,3-Dichloropropane	11.41	76	178957	24.739	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.86	63	305703	119.176	ug/l	100
59) 2-Hexanone	11.53	43	344162	125.542	ug/l	98
60) Dibromochloromethane	11.69	129	216062	23.693	ug/l	96
61) 1,2-Dibromoethane	11.81	107	127743	22.630	ug/l	99
64) Tetrachloroethene	11.26	164	154695	17.801	ug/l	97
65) Chlorobenzene	12.40	112	387025	20.209	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	180977	19.982	ug/l	98
67) Ethyl Benzene	12.53	91	657199	18.730	ug/l	100
68) m/p-Xylenes	12.67	106	464690	38.284	ug/l	99
69) o-Xylene	13.05	106	225884	19.508	ug/l	85
70) Styrene	13.07	104	378649	19.260	ug/l #	91
71) Bromoform	13.24	173	126566	19.907	ug/l #	94
73) Isopropylbenzene	13.40	105	703669	21.174	ug/l	96
74) N-amyl acetate	13.27	43	188326	22.225	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	115975	22.004	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	128204	21.199	ug/l	96
77) Bromobenzene	13.67	156	193916	21.282	ug/l	89
78) n-propylbenzene	13.78	91	802404	20.948	ug/l	97
79) 2-Chlorotoluene	13.85	91	443632	19.974	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	561576	19.776	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	32953	19.016	ug/l #	58
82) 4-Chlorotoluene	13.95	91	543394	20.436	ug/l	88
83) tert-Butylbenzene	14.19	119	650906	20.542	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	547384	18.917	ug/l	97
85) sec-Butylbenzene	14.37	105	686147	20.441	ug/l	98
86) p-Isopropyltoluene	14.50	119	684918	21.840	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	346843	21.959	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	336746	21.275	ug/l	96
89) n-Butylbenzene	14.80	91	560481	20.021	ug/l	98
90) Hexachloroethane	15.01	117	178889	21.501	ug/l	79
91) 1,2-Dichlorobenzene	14.81	146	280832	21.136	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	23887	21.857	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.94	180	204147	19.215	ug/l	98
94) Hexachlorobutadiene	16.04	225	161961	20.650	ug/l	97
95) Naphthalene	16.12	128	307637	21.262	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	162134	20.430	ug/l	98

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

