

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061890.D
 Acq On : 19 Apr 2019 2:11
 Operator : VA/AP
 Sample : VD0418SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBS02

Quant Time: Apr 19 04:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	479523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	748472	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	646861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	313269	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	253922	63.18	ug/l	0.00
Spiked Amount			Recovery	=	126.36%	
35) Dibromofluoromethane	6.93	113	347015	61.37	ug/l	0.00
Spiked Amount			Recovery	=	122.74%	
50) Toluene-d8	10.41	98	750840	56.04	ug/l	0.00
Spiked Amount			Recovery	=	112.08%	
62) 4-Bromofluorobenzene	13.56	95	320944	59.10	ug/l	0.00
Spiked Amount			Recovery	=	118.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	82561	17.640	ug/l	99
3) Chloromethane	1.75	50	78366	21.010	ug/l	92
4) Vinyl Chloride	1.85	62	74291	20.069	ug/l	90
5) Bromomethane	2.15	94	18572	20.225	ug/l	95
6) Chloroethane	2.25	64	24185	19.151	ug/l	100
7) Trichlorofluoromethane	2.53	101	120035	19.993	ug/l	97
8) Diethyl Ether	2.87	74	35920	22.829	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.16	101	112608	21.035	ug/l	97
10) Methyl Iodide	3.31	142	140139	18.760	ug/l	96
11) Tert butyl alcohol	4.06	59	31610	133.375	ug/l	95
12) 1,1-Dichloroethene	3.13	96	93632	20.805	ug/l	94
13) Acrolein	3.04	56	20700	90.220	ug/l #	81
14) Allyl chloride	3.62	41	131000	21.355	ug/l	95
15) Acrylonitrile	4.20	53	92303	124.056	ug/l	94
16) Acetone	3.23	43	104182	105.182	ug/l	95
17) Carbon Disulfide	3.39	76	267116	18.370	ug/l	99
18) Methyl Acetate	3.65	43	55366	27.888	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	209883	24.990	ug/l	97
20) Methylene Chloride	3.82	84	142473	26.810	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	106627	21.559	ug/l	99
22) Diisopropyl ether	5.13	45	308728	23.544	ug/l	98
23) Vinyl Acetate	5.06	43	867979	123.828	ug/l	100
24) 1,1-Dichloroethane	4.99	63	187929	23.638	ug/l	98
25) 2-Butanone	6.08	43	134770	119.514	ug/l	98
26) 2,2-Dichloropropane	6.02	77	130331	18.966	ug/l	97
27) cis-1,2-Dichloroethene	6.05	96	118216	22.049	ug/l	89
28) Bromochloromethane	6.45	49	74880	24.796	ug/l	98
29) Tetrahydrofuran	6.47	42	72453	131.902	ug/l	98
30) Chloroform	6.67	83	212173	23.927	ug/l	97
31) Cyclohexane	6.97	56	120567	19.810	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	184077	23.418	ug/l	98
36) 1,1-Dichloropropene	7.16	75	140222	22.926	ug/l	95
37) Ethyl Acetate	6.19	43	69171	26.424	ug/l	96
38) Carbon Tetrachloride	7.13	117	167479	21.686	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	127897	20.137	ug/l	97
40) Benzene	7.46	78	357477	24.345	ug/l	96
41) Methacrylonitrile	6.45	41	85076	27.497	ug/l #	94
42) 1,2-Dichloroethane	7.59	62	128997	25.224	ug/l	94
43) Isopropyl Acetate	9.24	43	98031	26.612	ug/l	98
44) Trichloroethene	8.55	130	127896	22.626	ug/l	100
45) 1,2-Dichloropropane	8.95	63	93779	24.519	ug/l	99
46) Dibromomethane	9.08	93	70839	25.993	ug/l	94
47) Bromodichloromethane	9.38	83	149867	23.837	ug/l	97
48) Methyl methacrylate	9.12	41	59312	27.392	ug/l	98
49) 1,4-Dioxane	9.09	88	13304	562.124	ug/l	95
51) 4-Methyl-2-Pentanone	10.31	43	317998	141.161	ug/l	96
52) Toluene	10.52	92	223141	23.714	ug/l	95
53) t-1,3-Dichloropropene	10.93	75	135729	23.958	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	153182	23.035	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	80788	25.479	ug/l	97
56) Ethyl methacrylate	11.04	69	91879	26.402	ug/l	97
57) 1,3-Dichloropropane	11.42	76	115467	24.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	219153	132.399	ug/l	95
59) 2-Hexanone	11.54	43	223283	133.450	ug/l	99
60) Dibromochloromethane	11.69	129	133864	25.802	ug/l	98
61) 1,2-Dibromoethane	11.81	107	99457	25.510	ug/l	99
64) Tetrachloroethene	11.27	164	114722	23.648	ug/l	98
65) Chlorobenzene	12.40	112	259297	21.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	118541	23.481	ug/l	97
67) Ethyl Benzene	12.53	91	464114	24.057	ug/l	100
68) m/p-Xylenes	12.67	106	325886	44.970	ug/l	98
69) o-Xylene	13.05	106	166818	24.491	ug/l	96
70) Styrene	13.08	104	296534	25.299	ug/l	96
71) Bromoform	13.24	173	74543	24.876	ug/l	96
73) Isopropylbenzene	13.41	105	466340	22.954	ug/l	100
74) N-amyl acetate	13.27	43	115434	21.129	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	97530	24.286	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	96046	23.346	ug/l	98
77) Bromobenzene	13.67	156	130880	22.678	ug/l	83
78) n-propylbenzene	13.78	91	516531	22.005	ug/l	99
79) 2-Chlorotoluene	13.85	91	284689	20.762	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	356354	22.106	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	26600	21.945	ug/l	90
82) 4-Chlorotoluene	13.95	91	321368	20.476	ug/l	92
83) tert-Butylbenzene	14.19	119	413155	21.827	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	344483	21.259	ug/l	99
85) sec-Butylbenzene	14.37	105	451178	23.057	ug/l	99
86) p-Isopropyltoluene	14.50	119	393768	21.508	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	213235	21.165	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	207262	20.811	ug/l	98
89) n-Butylbenzene	14.80	91	342921	21.160	ug/l	98
90) Hexachloroethane	15.01	117	99665	19.973	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	192434	22.802	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	13804	27.710	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	106326	22.939	ug/l	97
94) Hexachlorobutadiene	16.05	225	66385	19.763	ug/l	99
95) Naphthalene	16.12	128	197447	27.792	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	67746	25.648	ug/l	96

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

