

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062209.D
 Acq On : 10 May 2019 12:17
 Operator : FY/SY
 Sample : VD0510SBSD01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBSD01

Quant Time: May 10 23:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	747535	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	1076322	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	853893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	446158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	374454	53.90	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.80%	
35) Dibromofluoromethane	6.92	113	472821	52.95	ug/l	0.03
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	10.41	98	1095666	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	13.55	95	482375	55.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	134317	18.787	ug/l	97
3) Chloromethane	1.75	50	85651	16.580	ug/l	91
4) Vinyl Chloride	1.84	62	88936	17.517	ug/l	95
5) Bromomethane	2.14	94	25296	21.263	ug/l	95
6) Chloroethane	2.25	64	40355	18.942	ug/l	93
7) Trichlorofluoromethane	2.52	101	181544	18.392	ug/l	97
8) Diethyl Ether	2.87	74	32843	17.253	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	3.13	101	141172	18.907	ug/l	96
10) Methyl Iodide	3.30	142	168867	14.964	ug/l	97
11) Tert butyl alcohol	4.08	59	31753	89.545	ug/l #	95
12) 1,1-Dichloroethene	3.12	96	95811	16.809	ug/l	97
13) Acrolein	3.03	56	30840	84.086	ug/l	99
14) Allyl chloride	3.61	41	152701	18.425	ug/l	86
15) Acrylonitrile	4.20	53	93644	100.470	ug/l	96
16) Acetone	3.22	43	154329	105.934	ug/l #	88
17) Carbon Disulfide	3.36	76	274612	16.748	ug/l	98
18) Methyl Acetate	3.64	43	49430	18.782	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	240528	19.688	ug/l	96
20) Methylene Chloride	3.80	84	139416	22.919	ug/l	97
21) trans-1,2-Dichloroethene	4.21	96	121049	19.085	ug/l	93
22) Diisopropyl ether	5.11	45	336981	19.108	ug/l	96
23) Vinyl Acetate	5.04	43	953946	102.522	ug/l	97
24) 1,1-Dichloroethane	4.97	63	212831	20.005	ug/l	98
25) 2-Butanone	6.07	43	157385	99.042	ug/l	97
26) 2,2-Dichloropropane	6.02	77	205157	19.359	ug/l	95
27) cis-1,2-Dichloroethene	6.04	96	124748	17.572	ug/l	98
28) Bromochloromethane	6.43	49	98245	23.471	ug/l	92
29) Tetrahydrofuran	6.45	42	69083	94.353	ug/l	99
30) Chloroform	6.66	83	250045	19.502	ug/l	98
31) Cyclohexane	6.94	56	123864	16.994	ug/l	97
32) 1,1,1-Trichloroethane	6.86	97	246960	20.378	ug/l	94
36) 1,1-Dichloropropene	7.14	75	168250	19.065	ug/l	98
37) Ethyl Acetate	6.17	43	68501	18.304	ug/l #	90
38) Carbon Tetrachloride	7.10	117	243894	19.968	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	149760	17.712	ug/l	95
40) Benzene	7.45	78	354921	17.811	ug/l	98
41) Methacrylonitrile	6.45	41	92035	20.124	ug/l #	86
42) 1,2-Dichloroethane	7.57	62	159718	18.917	ug/l	96
43) Isopropyl Acetate	9.23	43	91640	17.266	ug/l	100
44) Trichloroethene	8.54	130	140708	18.530	ug/l	91
45) 1,2-Dichloropropane	8.93	63	90783	18.418	ug/l	93
46) Dibromomethane	9.06	93	74639	18.621	ug/l	92
47) Bromodichloromethane	9.37	83	180501	18.410	ug/l	99
48) Methyl methacrylate	9.12	41	61779	18.897	ug/l #	83
49) 1,4-Dioxane	9.08	88	12587	356.832	ug/l #	86
51) 4-Methyl-2-Pentanone	10.30	43	338584	99.238	ug/l	92
52) Toluene	10.50	92	250863	19.348	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	152729	18.024	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	167284	18.096	ug/l	94
55) 1,1,2-Trichloroethane	11.18	97	90650	19.760	ug/l	95
56) Ethyl methacrylate	11.04	69	83710	17.560	ug/l #	88
57) 1,3-Dichloropropane	11.40	76	127114	18.341	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	244287	93.813	ug/l	99
59) 2-Hexanone	11.53	43	252644	100.469	ug/l	93
60) Dibromochloromethane	11.69	129	150834	19.025	ug/l	97
61) 1,2-Dibromoethane	11.80	107	99691	17.874	ug/l	94
64) Tetrachloroethene	11.25	164	124269	18.611	ug/l	94
65) Chlorobenzene	12.39	112	308856	19.420	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	138897	20.067	ug/l	95
67) Ethyl Benzene	12.52	91	529564	19.889	ug/l	97
68) m/p-Xylenes	12.67	106	388945	40.151	ug/l	95
69) o-Xylene	13.04	106	176796	19.631	ug/l	90
70) Styrene	13.07	104	291819	19.128	ug/l	99
71) Bromoform	13.23	173	95188	19.766	ug/l #	97
73) Isopropylbenzene	13.40	105	543955	20.339	ug/l	96
74) N-amyl acetate	13.26	43	124753	17.792	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	96592	19.078	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	102335	19.300	ug/l	96
77) Bromobenzene	13.66	156	163373	21.822	ug/l	92
78) n-propylbenzene	13.77	91	627318	19.663	ug/l	97
79) 2-Chlorotoluene	13.84	91	360212	19.715	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	453218	20.124	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.47	75	25007	16.706	ug/l #	84
82) 4-Chlorotoluene	13.95	91	438423	20.391	ug/l	93
83) tert-Butylbenzene	14.18	119	461441	18.229	ug/l	91
84) 1,2,4-Trimethylbenzene	14.23	105	465111	20.581	ug/l	92
85) sec-Butylbenzene	14.36	105	543010	19.565	ug/l	97
86) p-Isopropyltoluene	14.49	119	460334	18.565	ug/l	94
87) 1,3-Dichlorobenzene	14.45	146	263284	19.251	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	263479	19.607	ug/l	95
89) n-Butylbenzene	14.79	91	461638	20.742	ug/l	95
90) Hexachloroethane	15.00	117	120566	17.880	ug/l	96
91) 1,2-Dichlorobenzene	14.80	146	241021	21.399	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	16495	19.847	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	184543	22.510	ug/l	95
94) Hexachlorobutadiene	16.03	225	136056	22.313	ug/l	98
95) Naphthalene	16.12	128	250096	21.851	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	146407	28.404	ug/l	97

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

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