

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062032.D
 Acq On : 25 Apr 2019 12:01
 Operator : VA/AP
 Sample : VD0425SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS01

Quant Time: Apr 25 12:27:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	627789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	982863	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	826394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	385383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	260190	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	6.92	113	369607	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.42	98	856870	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	13.56	95	323534	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	99140	17.686	ug/l	98
3) Chloromethane	1.76	50	79727	16.734	ug/l	99
4) Vinyl Chloride	1.85	62	76390	17.690	ug/l	93
5) Bromomethane	2.15	94	18250	13.677	ug/l	98
6) Chloroethane	2.26	64	24327	15.584	ug/l	94
7) Trichlorofluoromethane	2.53	101	128093	19.618	ug/l	96
8) Diethyl Ether	2.88	74	35911	20.521	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	119863	19.928	ug/l	98
10) Methyl Iodide	3.31	142	140709	19.117	ug/l	94
11) Tert butyl alcohol	4.07	59	28901	104.106	ug/l	96
12) 1,1-Dichloroethene	3.13	96	95082	18.581	ug/l	95
13) Acrolein	3.04	56	31018	107.686	ug/l	95
14) Allyl chloride	3.63	41	120937	17.308	ug/l	90
15) Acrylonitrile	4.20	53	86758	100.924	ug/l	94
16) Acetone	3.22	43	107992	92.051	ug/l	94
17) Carbon Disulfide	3.38	76	252277	17.061	ug/l	98
18) Methyl Acetate	3.65	43	46551	20.608	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	195661	19.271	ug/l	98
20) Methylene Chloride	3.82	84	120850	19.195	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	109545	18.661	ug/l	99
22) Diisopropyl ether	5.12	45	325659	19.962	ug/l	98
23) Vinyl Acetate	5.06	43	872894	102.746	ug/l	98
24) 1,1-Dichloroethane	4.99	63	194066	19.682	ug/l	99
25) 2-Butanone	6.08	43	144738	101.757	ug/l	98
26) 2,2-Dichloropropane	6.03	77	183546	21.338	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	140752	21.076	ug/l	93
28) Bromochloromethane	6.44	49	84767	22.468	ug/l	93
29) Tetrahydrofuran	6.46	42	71166	101.542	ug/l	99
30) Chloroform	6.67	83	226277	20.204	ug/l	100
31) Cyclohexane	6.96	56	134654	18.398	ug/l	94
32) 1,1,1-Trichloroethane	6.87	97	194274	19.937	ug/l	98
36) 1,1-Dichloropropene	7.15	75	158572	20.708	ug/l	100
37) Ethyl Acetate	6.18	43	69678	21.353	ug/l	95
38) Carbon Tetrachloride	7.12	117	187650	19.339	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	149919	19.843	ug/l	99
40) Benzene	7.47	78	384594	20.287	ug/l	98
41) Methacrylonitrile	6.45	41	79701	20.933	ug/l	95
42) 1,2-Dichloroethane	7.58	62	137894	21.423	ug/l	98
43) Isopropyl Acetate	9.24	43	94672	19.856	ug/l	99
44) Trichloroethene	8.55	130	146665	19.956	ug/l	100
45) 1,2-Dichloropropane	8.94	63	93032	19.344	ug/l	99
46) Dibromomethane	9.07	93	71355	20.619	ug/l	91
47) Bromodichloromethane	9.38	83	160238	19.597	ug/l	99
48) Methyl methacrylate	9.12	41	55888	20.544	ug/l	92
49) 1,4-Dioxane	9.08	88	12659	431.623	ug/l	90
51) 4-Methyl-2-Pentanone	10.30	43	316281	108.469	ug/l	99
52) Toluene	10.51	92	249231	20.619	ug/l	94
53) t-1,3-Dichloropropene	10.92	75	144951	21.119	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	171672	20.565	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	85473	21.062	ug/l	99
56) Ethyl methacrylate	11.05	69	90263	20.083	ug/l	97
57) 1,3-Dichloropropane	11.41	76	120257	19.187	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	262924	125.825	ug/l	98
59) 2-Hexanone	11.53	43	230970	105.595	ug/l	98
60) Dibromochloromethane	11.69	129	138663	20.651	ug/l	96
61) 1,2-Dibromoethane	11.81	107	105869	21.992	ug/l	91
64) Tetrachloroethene	11.27	164	117008	19.848	ug/l	97
65) Chlorobenzene	12.40	112	307700	19.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	128801	19.445	ug/l	97
67) Ethyl Benzene	12.53	91	501628	19.681	ug/l	98
68) m/p-Xylenes	12.67	106	350047	37.999	ug/l	100
69) o-Xylene	13.05	106	172059	20.413	ug/l	97
70) Styrene	13.08	104	278753	19.153	ug/l	96
71) Bromoform	13.23	173	76615	20.288	ug/l	98
73) Isopropylbenzene	13.40	105	453873	17.655	ug/l	100
74) N-amyl acetate	13.26	43	126411	19.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	96602	19.176	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	98191	20.064	ug/l	98
77) Bromobenzene	13.67	156	141107	19.134	ug/l	82
78) n-propylbenzene	13.78	91	579619	19.695	ug/l	100
79) 2-Chlorotoluene	13.84	91	328814	18.446	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	366142	17.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	28148	18.980	ug/l	92
82) 4-Chlorotoluene	13.95	91	358071	18.240	ug/l	99
83) tert-Butylbenzene	14.19	119	493898	20.799	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	404847	20.684	ug/l	96
85) sec-Butylbenzene	14.37	105	472362	18.410	ug/l	100
86) p-Isopropyltoluene	14.49	119	439669	19.147	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	242651	18.789	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	225808	18.697	ug/l	93
89) n-Butylbenzene	14.80	91	403253	19.560	ug/l	96
90) Hexachloroethane	15.01	117	119310	19.214	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	213191	20.012	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	11764	17.609	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	110035	19.143	ug/l	97
94) Hexachlorobutadiene	16.04	225	74545	17.525	ug/l	98
95) Naphthalene	16.13	128	179909	19.385	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	67111	20.578	ug/l	96

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

