

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061601.D
 Acq On : 5 Apr 2019 3:51
 Operator : VA/AP
 Sample : VD0404SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBS02

Quant Time: Apr 05 04:14:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	471371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	782657	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	697626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	326043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	222940	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	
35) Dibromofluoromethane	6.89	113	316344	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.39	98	744668	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	13.54	95	312989	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	104529	20.764	ug/l	97
3) Chloromethane	1.75	50	93618	22.803	ug/l	99
4) Vinyl Chloride	1.84	62	83716	22.208	ug/l	100
5) Bromomethane	2.14	94	17234	23.055	ug/l	88
6) Chloroethane	2.25	64	26062	23.576	ug/l	97
7) Trichlorofluoromethane	2.51	101	131054	23.908	ug/l	99
8) Diethyl Ether	2.86	74	36975	20.950	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	3.13	101	127658	21.662	ug/l	94
10) Methyl Iodide	3.29	142	175347	21.682	ug/l	99
11) Tert butyl alcohol	4.03	59	28531	113.775	ug/l	97
12) 1,1-Dichloroethene	3.11	96	109109	21.565	ug/l	97
13) Acrolein	3.02	56	13184	50.740	ug/l	99
14) Allyl chloride	3.60	41	155754	22.071	ug/l	97
15) Acrylonitrile	4.17	53	98095	112.706	ug/l	91
16) Acetone	3.20	43	99089	95.728	ug/l	94
17) Carbon Disulfide	3.36	76	329056	20.017	ug/l	99
18) Methyl Acetate	3.62	43	56244	25.843	ug/l	98
19) Methyl tert-butyl Ether	4.21	73	204965	23.403	ug/l	99
20) Methylene Chloride	3.79	84	155277	25.851	ug/l	96
21) trans-1,2-Dichloroethene	4.20	96	120000	21.968	ug/l	97
22) Diisopropyl ether	5.08	45	345184	23.115	ug/l	96
23) Vinyl Acetate	5.02	43	931146	114.790	ug/l	98
24) 1,1-Dichloroethane	4.95	63	208786	23.790	ug/l	98
25) 2-Butanone	6.04	43	145345	111.625	ug/l	97
26) 2,2-Dichloropropane	5.99	77	151381	21.698	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	138359	23.118	ug/l	95
28) Bromochloromethane	6.41	49	73986	20.884	ug/l #	85
29) Tetrahydrofuran	6.43	42	69771	110.552	ug/l	98
30) Chloroform	6.64	83	227207	25.055	ug/l	96
31) Cyclohexane	6.92	56	144740	20.870	ug/l	96
32) 1,1,1-Trichloroethane	6.84	97	187531	23.441	ug/l	98
36) 1,1-Dichloropropene	7.12	75	156299	22.881	ug/l	97
37) Ethyl Acetate	6.15	43	65098	22.283	ug/l	95
38) Carbon Tetrachloride	7.08	117	183803	23.416	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	160996	22.630	ug/l	96
40) Benzene	7.43	78	405277	23.640	ug/l	95
41) Methacrylonitrile	6.41	41	79545	23.287	ug/l #	97
42) 1,2-Dichloroethane	7.54	62	134726	26.272	ug/l	97
43) Isopropyl Acetate	9.21	43	96785	22.770	ug/l	100
44) Trichloroethene	8.52	130	149628	23.453	ug/l	91
45) 1,2-Dichloropropane	8.91	63	100260	23.064	ug/l	100
46) Dibromomethane	9.04	93	70353	24.045	ug/l	97
47) Bromodichloromethane	9.34	83	168434	25.648	ug/l	97
48) Methyl methacrylate	9.09	41	60833	25.932	ug/l	96
49) 1,4-Dioxane	9.06	88	11813	456.553	ug/l #	80
51) 4-Methyl-2-Pentanone	10.28	43	316430	122.362	ug/l	98
52) Toluene	10.48	92	261790	25.031	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	134264	22.503	ug/l	99
54) cis-1,3-Dichloropropene	10.01	75	159500	21.954	ug/l	99
55) 1,1,2-Trichloroethane	11.17	97	83302	22.775	ug/l	95
56) Ethyl methacrylate	11.02	69	92665	23.583	ug/l	98
57) 1,3-Dichloropropane	11.38	76	126983	23.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.83	63	242810	126.889	ug/l	97
59) 2-Hexanone	11.51	43	239577	127.867	ug/l	100
60) Dibromochloromethane	11.66	129	140769	24.965	ug/l	99
61) 1,2-Dibromoethane	11.79	107	106820	25.221	ug/l	95
64) Tetrachloroethene	11.24	164	121209	22.138	ug/l	96
65) Chlorobenzene	12.38	112	321929	22.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	126798	22.970	ug/l	97
67) Ethyl Benzene	12.50	91	518557	23.829	ug/l	96
68) m/p-Xylenes	12.65	106	402290	48.801	ug/l	97
69) o-Xylene	13.04	106	182580	22.824	ug/l	99
70) Styrene	13.06	104	320769	23.003	ug/l	98
71) Bromoform	13.21	173	80673	23.054	ug/l	95
73) Isopropylbenzene	13.39	105	518863	22.865	ug/l	99
74) N-amyl acetate	13.25	43	137954	21.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	105175	21.971	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	100656	21.372	ug/l	92
77) Bromobenzene	13.66	156	147578	21.937	ug/l	87
78) n-propylbenzene	13.76	91	591914	21.315	ug/l	94
79) 2-Chlorotoluene	13.82	91	322257	21.372	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	422730	24.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	27519	19.163	ug/l #	87
82) 4-Chlorotoluene	13.93	91	390596	23.824	ug/l	93
83) tert-Butylbenzene	14.18	119	492416	22.379	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	398820	20.923	ug/l	98
85) sec-Butylbenzene	14.36	105	482192	20.628	ug/l	99
86) p-Isopropyltoluene	14.47	119	441645	22.344	ug/l	97
87) 1,3-Dichlorobenzene	14.44	146	227345	19.957	ug/l	93
88) 1,4-Dichlorobenzene	14.52	146	252479	22.727	ug/l	96
89) n-Butylbenzene	14.79	91	415938	22.927	ug/l	98
90) Hexachloroethane	15.00	117	105229	18.844	ug/l	89
91) 1,2-Dichlorobenzene	14.80	146	213020	22.797	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.37	75	12948	23.062	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	105263	24.729	ug/l	93
94) Hexachlorobutadiene	16.03	225	77422	23.276	ug/l	97
95) Naphthalene	16.11	128	161692	24.921	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	59077	31.540	ug/l	91

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

