

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050619\
 Data File : VD062126.D
 Acq On : 6 May 2019 13:02
 Operator : FY/SY
 Sample : VD0506SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBS01

Quant Time: May 07 05:08:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.05
34) 1,4-Difluorobenzene	8.36	114	781442	50.00	ug/l	0.13
63) Chlorobenzene-d5	12.39	117	440657	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	325620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	7.13	113	266552	49.32	ug/l	0.20
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.48	98	569615	44.29	ug/l	0.06
Spiked Amount	50.000		Recovery	=	88.58%	
62) 4-Bromofluorobenzene	13.71	95	11322	2.20	ug/l	0.15
Spiked Amount	50.000		Recovery	=	4.40%	

Target Compounds

					Qvalue
36) 1,1-Dichloropropene	7.34	75	98194	16.128	ug/l 99
37) Ethyl Acetate	6.43	43	26073	10.050	ug/l 96
38) Carbon Tetrachloride	7.31	117	132986	17.238	ug/l 95
39) Methylcyclohexane	8.99	83	90947	15.141	ug/l 97
40) Benzene	7.64	78	222076	14.734	ug/l 98
42) 1,2-Dichloroethane	7.76	62	100551	19.648	ug/l 98
43) Isopropyl Acetate	9.33	43	67850	17.899	ug/l 99
44) Trichloroethene	8.67	130	96674	16.544	ug/l 93
45) 1,2-Dichloropropane	9.05	63	68069	17.802	ug/l 99
46) Dibromomethane	9.17	93	50939	18.514	ug/l 98
47) Bromodichloromethane	9.48	83	129370	19.900	ug/l 95
48) Methyl methacrylate	9.22	41	40946	18.931	ug/l 95
49) 1,4-Dioxane	9.19	88	8334	357.400	ug/l 93
51) 4-Methyl-2-Pentanone	10.36	43	225065	97.082	ug/l 99
52) Toluene	10.58	92	176956	18.413	ug/l 100
53) t-1,3-Dichloropropene	10.97	75	107036	19.615	ug/l 93
54) cis-1,3-Dichloropropene	10.12	75	126357	19.038	ug/l 96
55) 1,1,2-Trichloroethane	11.24	97	61427	19.039	ug/l 94
56) Ethyl methacrylate	11.09	69	66445	18.594	ug/l 98
57) 1,3-Dichloropropane	11.46	76	93308	18.725	ug/l 98
58) 2-Chloroethyl Vinyl ether	9.93	63	185783	111.825	ug/l 97
59) 2-Hexanone	11.56	43	171048	98.356	ug/l 99
60) Dibromochloromethane	11.72	129	110017	20.608	ug/l 98
61) 1,2-Dibromoethane	11.84	107	70381	18.389	ug/l 99
64) Tetrachloroethene	11.31	164	82871	26.363	ug/l 98
65) Chlorobenzene	12.42	112	213238	25.609	ug/l 98
66) 1,1,1,2-Tetrachloroethane	12.54	131	95103	26.926	ug/l 97
67) Ethyl Benzene	12.55	91	357081	26.273	ug/l 100
68) m/p-Xylenes	12.69	106	284357	57.889	ug/l 100
69) o-Xylene	13.06	106	128428	28.575	ug/l 96
70) Styrene	13.09	104	223013	28.737	ug/l 99
71) Bromoform	13.25	173	62475	31.025	ug/l 98
73) Isopropylbenzene	13.42	105	400099	18.420	ug/l 97
74) N-amyl acetate	13.28	43	95836	17.132	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	13.71	83	72511	17.035	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	76696	18.548	ug/l	97
77) Bromobenzene	13.68	156	99897	16.032	ug/l	97
78) n-propylbenzene	13.78	91	460246	18.509	ug/l	98
79) 2-Chlorotoluene	13.85	91	244441	16.230	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	304770	17.597	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	21917	17.491	ug/l	96
82) 4-Chlorotoluene	13.96	91	277857	16.752	ug/l	98
83) tert-Butylbenzene	14.19	119	358019	17.844	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	314522	19.019	ug/l	97
85) sec-Butylbenzene	14.37	105	383360	17.683	ug/l	99
86) p-Isopropyltoluene	14.50	119	365678	18.847	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	210843	19.322	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	197130	19.318	ug/l	97
89) n-Butylbenzene	14.80	91	310678	17.836	ug/l	96
90) Hexachloroethane	15.01	117	96312	18.358	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	164410	18.266	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	10846	18.974	ug/l	93
93) 1,2,4-Trichlorobenzene	15.95	180	93531	19.259	ug/l	97
94) Hexachlorobutadiene	16.03	225	69216	19.259	ug/l	99
95) Naphthalene	16.12	128	146439	18.675	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	58581	21.259	ug/l	97

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

