

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062146.D
 Acq On : 7 May 2019 22:29
 Operator : FY/SY
 Sample : VD0507SBS01
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

Quant Time: May 08 04:32:07 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	6.97	168	617359	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.16	114	919310	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	812026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	526359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.39	65	317777	55.39	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	110.78%	
35) Dibromofluoromethane	6.85	113	386496	50.67	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.37	98	959957	52.20	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	13.54	95	413916	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.55	85	111236	18.839	ug/l	99
3) Chloromethane	1.72	50	85978	20.152	ug/l	93
4) Vinyl Chloride	1.82	62	85727	20.445	ug/l	98
5) Bromomethane	2.10	94	17716	18.032	ug/l	91
6) Chloroethane	2.20	64	28986	16.475	ug/l	94
7) Trichlorofluoromethane	2.47	101	166185	20.386	ug/l	92
8) Diethyl Ether	2.80	74	38233	24.319	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.08	101	124515	20.192	ug/l	99
10) Methyl Iodide	3.23	142	163767	17.572	ug/l	96
11) Tert butyl alcohol	3.97	59	36136	123.393	ug/l #	93
12) 1,1-Dichloroethene	3.06	96	96944	20.595	ug/l	98
13) Acrolein	2.96	56	33752	111.430	ug/l	92
14) Allyl chloride	3.53	41	136092	19.884	ug/l	87
15) Acrylonitrile	4.10	53	87638	113.853	ug/l	87
16) Acetone	3.14	43	120517	100.168	ug/l	96
17) Carbon Disulfide	3.30	76	265097	19.577	ug/l	100
18) Methyl Acetate	3.56	43	48034	22.153	ug/l #	89
19) Methyl tert-butyl Ether	4.14	73	211373	20.949	ug/l	95
20) Methylene Chloride	3.73	84	150073	29.874	ug/l	97
21) trans-1,2-Dichloroethene	4.13	96	103764	19.809	ug/l	98
22) Diisopropyl ether	5.01	45	319204	21.916	ug/l	96
23) Vinyl Acetate	4.95	43	901308	117.290	ug/l	99
24) 1,1-Dichloroethane	4.89	63	193654	22.040	ug/l	98
25) 2-Butanone	5.98	43	137799	105.002	ug/l	96
26) 2,2-Dichloropropane	5.94	77	159674	18.244	ug/l	99
27) cis-1,2-Dichloroethene	5.95	96	118255	20.169	ug/l	98
28) Bromochloromethane	6.35	49	82265	23.798	ug/l	91
29) Tetrahydrofuran	6.38	42	67980	112.424	ug/l	95
30) Chloroform	6.59	83	218940	20.676	ug/l	99
31) Cyclohexane	6.87	56	114541	19.028	ug/l	97
32) 1,1,1-Trichloroethane	6.80	97	205768	20.559	ug/l	99
36) 1,1-Dichloropropene	7.08	75	144814	19.212	ug/l	97
37) Ethyl Acetate	6.10	43	73967	23.140	ug/l #	92
38) Carbon Tetrachloride	7.04	117	198225	19.001	ug/l	95

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

39) Methylcyclohexane	8.81	83	133367	18.467	ug/l #	89
40) Benzene	7.39	78	338813	19.906	ug/l	99
41) Methacrylonitrile	6.36	41	87037	22.281	ug/l #	90
42) 1,2-Dichloroethane	7.51	62	143317	19.874	ug/l	95
43) Isopropyl Acetate	9.19	43	92485	20.401	ug/l	99
44) Trichloroethene	8.48	130	128919	19.877	ug/l	89
45) 1,2-Dichloropropane	8.88	63	78073	18.545	ug/l	100
46) Dibromomethane	9.01	93	68133	19.901	ug/l	94
47) Bromodichloromethane	9.32	83	152229	18.179	ug/l	98
48) Methyl methacrylate	9.07	41	61480	22.017	ug/l	90
49) 1,4-Dioxane	9.02	88	14494	481.072	ug/l	96
51) 4-Methyl-2-Pentanone	10.26	43	317239	108.863	ug/l	96
52) Toluene	10.47	92	221727	20.022	ug/l	98
53) t-1,3-Dichloropropene	10.88	75	145783	20.143	ug/l	97
54) cis-1,3-Dichloropropene	9.99	75	149134	18.888	ug/l	94
55) 1,1,2-Trichloroethane	11.15	97	76364	19.489	ug/l	94
56) Ethyl methacrylate	11.01	69	78376	19.249	ug/l	92
57) 1,3-Dichloropropane	11.37	76	118580	20.032	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.81	63	238535	107.249	ug/l	95
59) 2-Hexanone	11.50	43	233818	108.863	ug/l	96
60) Dibromochloromethane	11.66	129	138419	20.441	ug/l	98
61) 1,2-Dibromoethane	11.77	107	100019	20.996	ug/l	97
64) Tetrachloroethene	11.22	164	117248	18.465	ug/l	94
65) Chlorobenzene	12.38	112	303488	20.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.49	131	123237	18.723	ug/l	98
67) Ethyl Benzene	12.50	91	462105	18.250	ug/l	98
68) m/p-Xylenes	12.65	106	321289	34.877	ug/l	96
69) o-Xylene	13.02	106	169216	19.758	ug/l	87
70) Styrene	13.05	104	263416	18.156	ug/l	99
71) Bromoform	13.21	173	96397	21.050	ug/l	97
73) Isopropylbenzene	13.39	105	551127	17.467	ug/l	100
74) N-amyl acetate	13.25	43	142547	17.232	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.68	83	99225	16.612	ug/l	97
76) 1,2,3-Trichloropropane	13.71	75	110703	17.697	ug/l	99
77) Bromobenzene	13.65	156	140450	15.902	ug/l	96
78) n-propylbenzene	13.75	91	695243	18.472	ug/l	92
79) 2-Chlorotoluene	13.82	91	353270	16.389	ug/l	91
80) 1,3,5-Trimethylbenzene	13.92	105	447982	16.861	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.46	75	28327	16.041	ug/l #	84
82) 4-Chlorotoluene	13.93	91	429346	16.926	ug/l	87
83) tert-Butylbenzene	14.18	119	525553	17.599	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	470287	17.639	ug/l	95
85) sec-Butylbenzene	14.35	105	626998	19.149	ug/l	98
86) p-Isopropyltoluene	14.48	119	548952	18.765	ug/l	98
87) 1,3-Dichlorobenzene	14.44	146	310671	19.255	ug/l	100
88) 1,4-Dichlorobenzene	14.52	146	292580	18.455	ug/l	96
89) n-Butylbenzene	14.79	91	511596	19.484	ug/l	96
90) Hexachloroethane	14.99	117	136399	17.145	ug/l	94
91) 1,2-Dichlorobenzene	14.80	146	281701	21.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	17708	18.060	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	190697	19.717	µg/l	91
94) Hexachlorobutadiene	16.03	225	127886	17.778	µg/l	97
95) Naphthalene	16.11	128	262947	19.473	µg/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	137397	22.594	µg/l	94

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

