

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062189.D
 Acq On : 9 May 2019 15:39
 Operator : FY/SY
 Sample : VD0509SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0509SBS01

Quant Time: May 10 04:19:54 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	7.02	168	835142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1210263	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	964889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	540952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	412300	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	6.90	113	536425	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	10.40	98	1289171	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	13.54	95	505755	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	146521	18.344	ug/l	96
3) Chloromethane	1.75	50	102506	17.761	ug/l	94
4) Vinyl Chloride	1.84	62	100342	17.690	ug/l	99
5) Bromomethane	2.14	94	27061	20.361	ug/l	99
6) Chloroethane	2.25	64	33670	14.146	ug/l	97
7) Trichlorofluoromethane	2.51	101	200651	18.196	ug/l	100
8) Diethyl Ether	2.86	74	40473	19.030	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.13	101	159217	19.086	ug/l	97
10) Methyl Iodide	3.29	142	182481	14.474	ug/l	90
11) Tert butyl alcohol	4.05	59	38480	97.132	ug/l	99
12) 1,1-Dichloroethene	3.11	96	115342	18.113	ug/l	99
13) Acrolein	3.02	56	45724	111.590	ug/l	99
14) Allyl chloride	3.60	41	170062	18.368	ug/l	86
15) Acrylonitrile	4.18	53	98642	94.731	ug/l	91
16) Acetone	3.20	43	170296	104.631	ug/l	96
17) Carbon Disulfide	3.36	76	319354	17.434	ug/l	100
18) Methyl Acetate	3.63	43	53378	18.144	ug/l #	86
19) Methyl tert-butyl Ether	4.21	73	255481	18.718	ug/l	93
20) Methylene Chloride	3.80	84	127986	18.833	ug/l	98
21) trans-1,2-Dichloroethene	4.21	96	126436	17.843	ug/l	95
22) Diisopropyl ether	5.09	45	377235	19.146	ug/l	95
23) Vinyl Acetate	5.02	43	1041673	100.207	ug/l	97
24) 1,1-Dichloroethane	4.95	63	226287	19.038	ug/l	99
25) 2-Butanone	6.05	43	179080	100.873	ug/l	99
26) 2,2-Dichloropropane	6.00	77	213284	18.014	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	139826	17.629	ug/l	98
28) Bromochloromethane	6.41	49	110982	23.733	ug/l	88
29) Tetrahydrofuran	6.43	42	78891	96.445	ug/l	93
30) Chloroform	6.65	83	267069	18.644	ug/l	94
31) Cyclohexane	6.93	56	152841	18.770	ug/l	93
32) 1,1,1-Trichloroethane	6.84	97	251841	18.601	ug/l	99
36) 1,1-Dichloropropene	7.13	75	183789	18.521	ug/l	97
37) Ethyl Acetate	6.15	43	77408	18.394	ug/l #	93
38) Carbon Tetrachloride	7.09	117	253626	18.467	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	168580	17.731	ug/l	99
40) Benzene	7.43	78	387980	17.315	ug/l	100
41) Methacrylonitrile	6.41	41	96018	18.671	ug/l #	92
42) 1,2-Dichloroethane	7.55	62	176002	18.539	ug/l	98
43) Isopropyl Acetate	9.21	43	108245	18.137	ug/l	96
44) Trichloroethene	8.52	130	149128	17.465	ug/l	86
45) 1,2-Dichloropropane	8.92	63	95710	17.268	ug/l	93
46) Dibromomethane	9.04	93	79421	17.621	ug/l	94
47) Bromodichloromethane	9.35	83	193161	17.521	ug/l	97
48) Methyl methacrylate	9.10	41	70577	19.199	ug/l	87
49) 1,4-Dioxane	9.06	88	12757	321.627	ug/l #	80
51) 4-Methyl-2-Pentanone	10.28	43	344167	89.711	ug/l	95
52) Toluene	10.48	92	269101	18.458	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	171861	18.037	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	181974	17.507	ug/l	91
55) 1,1,2-Trichloroethane	11.17	97	89200	17.292	ug/l	96
56) Ethyl methacrylate	11.03	69	95947	17.899	ug/l	94
57) 1,3-Dichloropropane	11.39	76	131205	16.836	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.83	63	295631	100.966	ug/l	97
59) 2-Hexanone	11.52	43	253953	89.813	ug/l	92
60) Dibromochloromethane	11.67	129	155059	17.393	ug/l	98
61) 1,2-Dibromoethane	11.79	107	112133	17.880	ug/l	91
64) Tetrachloroethene	11.23	164	131430	17.419	ug/l	97
65) Chlorobenzene	12.38	112	337230	18.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	143452	18.341	ug/l	95
67) Ethyl Benzene	12.51	91	537821	17.876	ug/l	99
68) m/p-Xylenes	12.65	106	424123	38.746	ug/l	99
69) o-Xylene	13.03	106	184076	18.088	ug/l	96
70) Styrene	13.06	104	285372	16.554	ug/l	98
71) Bromoform	13.22	173	95904	17.624	ug/l #	96
73) Isopropylbenzene	13.39	105	552189	17.029	ug/l	96
74) N-amyl acetate	13.25	43	136343	16.037	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	105778	17.231	ug/l	98
76) 1,2,3-Trichloropropane	13.72	75	114509	17.812	ug/l	100
77) Bromobenzene	13.66	156	163569	18.020	ug/l	94
78) n-propylbenzene	13.76	91	648298	16.760	ug/l	95
79) 2-Chlorotoluene	13.83	91	373382	16.854	ug/l	95
80) 1,3,5-Trimethylbenzene	13.92	105	460300	16.857	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.47	75	27272	15.027	ug/l	92
82) 4-Chlorotoluene	13.94	91	399683	15.332	ug/l	92
83) tert-Butylbenzene	14.17	119	561134	18.283	ug/l	91
84) 1,2,4-Trimethylbenzene	14.22	105	498154	18.180	ug/l	93
85) sec-Butylbenzene	14.36	105	612288	18.196	ug/l	99
86) p-Isopropyltoluene	14.48	119	520674	17.319	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	282848	17.057	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	282029	17.310	ug/l	96
89) n-Butylbenzene	14.78	91	502535	18.623	ug/l	95
90) Hexachloroethane	15.00	117	146218	17.884	ug/l	61
91) 1,2-Dichlorobenzene	14.79	146	261639	19.159	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	18388	18.248	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	152185	15.310	ug/l	96
94) Hexachlorobutadiene	16.02	225	119086	16.108	ug/l	98
95) Naphthalene	16.11	128	202632	14.602	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	91413	14.627	ug/l	94

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

