

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062790.D
 Acq On : 20 Jun 2019 13:32
 Operator : VA/AP
 Sample : VD0620SBSD02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBSD02

Quant Time: Jun 21 06:34:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	959918	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	1232958	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	1101841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	567654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.48	65	552764	52.98	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	6.95	113	579445	55.74	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.48%	
50) Toluene-d8	10.43	98	1271650	56.20	ug/l	0.02
Spiked Amount	50.000		Recovery	=	112.40%	
62) 4-Bromofluorobenzene	13.57	95	571357	55.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	272133	21.908	ug/l	96
3) Chloromethane	1.76	50	190887	20.433	ug/l	97
4) Vinyl Chloride	1.86	62	185147	19.989	ug/l	95
5) Bromomethane	2.16	94	84156	19.401	ug/l #	93
6) Chloroethane	2.27	64	86455	20.617	ug/l #	86
7) Trichlorofluoromethane	2.54	101	359710	19.189	ug/l	97
8) Diethyl Ether	2.89	74	40404	16.964	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	3.16	101	201396	19.832	ug/l	95
10) Methyl Iodide	3.31	142	239054	17.843	ug/l	91
11) Tert butyl alcohol	4.11	59	34267	72.108	ug/l #	91
12) 1,1-Dichloroethene	3.14	96	154444	20.273	ug/l	98
13) Acrolein	3.05	56	41905	86.376	ug/l	88
14) Allyl chloride	3.63	41	216666	19.248	ug/l	99
15) Acrylonitrile	4.23	53	104682	93.747	ug/l	89
16) Acetone	3.25	43	191655	85.987	ug/l	97
17) Carbon Disulfide	3.38	76	477528	19.613	ug/l	99
18) Methyl Acetate	3.66	43	71967	22.848	ug/l	99
19) Methyl tert-butyl Ether	4.26	73	336726	20.417	ug/l	94
20) Methylene Chloride	3.84	84	149672	18.809	ug/l	91
21) trans-1,2-Dichloroethene	4.24	96	162654	20.052	ug/l	90
22) Diisopropyl ether	5.16	45	445655	19.467	ug/l	93
23) Vinyl Acetate	5.09	43	1396702	97.503	ug/l	100
24) 1,1-Dichloroethane	5.02	63	284156	19.065	ug/l	98
25) 2-Butanone	6.10	43	181412	92.960	ug/l #	88
26) 2,2-Dichloropropane	6.05	77	326736	20.682	ug/l	98
27) cis-1,2-Dichloroethene	6.07	96	169442	19.753	ug/l	97
28) Bromochloromethane	6.46	49	108510	20.671	ug/l	93
29) Tetrahydrofuran	6.49	42	92827	100.535	ug/l	97
30) Chloroform	6.69	83	359058	19.809	ug/l	93
31) Cyclohexane	6.98	56	191348	19.529	ug/l	90
32) 1,1,1-Trichloroethane	6.90	97	360596	19.099	ug/l	93
36) 1,1-Dichloropropene	7.17	75	229819	19.690	ug/l	96
37) Ethyl Acetate	6.22	43	101662	20.076	ug/l	97
38) Carbon Tetrachloride	7.13	117	363592	20.713	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	206369	20.087	ug/l	95
40) Benzene	7.48	78	467171	19.940	ug/l	98
41) Methacrylonitrile	6.49	41	125136	20.330	ug/l #	87
42) 1,2-Dichloroethane	7.61	62	274862	21.506	ug/l	99
43) Isopropyl Acetate	9.27	43	126020	20.595	ug/l #	92
44) Trichloroethene	8.56	130	190808	20.774	ug/l	97
45) 1,2-Dichloropropane	8.97	63	120843	20.743	ug/l	98
46) Dibromomethane	9.09	93	98627	19.708	ug/l	91
47) Bromodichloromethane	9.40	83	264417	20.345	ug/l	97
48) Methyl methacrylate	9.15	41	92969	21.380	ug/l	97
49) 1,4-Dioxane	9.10	88	14047	388.283	ug/l #	84
51) 4-Methyl-2-Pentanone	10.32	43	420604	96.949	ug/l	96
52) Toluene	10.53	92	309181	19.632	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	214093	20.126	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	240114	20.767	ug/l	94
55) 1,1,2-Trichloroethane	11.21	97	109000	20.145	ug/l	98
56) Ethyl methacrylate	11.06	69	120429	20.827	ug/l	95
57) 1,3-Dichloropropane	11.43	76	179637	21.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.88	63	309488	104.255	ug/l	99
59) 2-Hexanone	11.55	43	331862	107.407	ug/l	97
60) Dibromochloromethane	11.70	129	207126	20.552	ug/l	94
61) 1,2-Dibromoethane	11.83	107	127248	19.913	ug/l	90
64) Tetrachloroethene	11.28	164	179641	19.810	ug/l	97
65) Chlorobenzene	12.42	112	395527	19.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.53	131	180585	18.883	ug/l	93
67) Ethyl Benzene	12.54	91	699553	19.054	ug/l	96
68) m/p-Xylenes	12.69	106	486722	38.064	ug/l	98
69) o-Xylene	13.06	106	232858	19.921	ug/l	99
70) Styrene	13.09	104	397620	19.366	ug/l	95
71) Bromoform	13.25	173	122582	18.709	ug/l #	97
73) Isopropylbenzene	13.41	105	719290	19.762	ug/l	98
74) N-amyl acetate	13.28	43	192704	21.802	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	13.71	83	120834	20.376	ug/l	97
76) 1,2,3-Trichloropropane	13.75	75	138275	21.100	ug/l	99
77) Bromobenzene	13.68	156	207994	21.246	ug/l	90
78) n-propylbenzene	13.79	91	829756	19.587	ug/l	97
79) 2-Chlorotoluene	13.86	91	500031	20.654	ug/l	96
80) 1,3,5-Trimethylbenzene	13.95	105	622212	20.352	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	36179	21.065	ug/l	94
82) 4-Chlorotoluene	13.96	91	622782	21.368	ug/l	90
83) tert-Butylbenzene	14.20	119	676816	19.861	ug/l	94
84) 1,2,4-Trimethylbenzene	14.25	105	599101	19.119	ug/l	99
85) sec-Butylbenzene	14.38	105	686439	18.534	ug/l	96
86) p-Isopropyltoluene	14.51	119	601061	17.739	ug/l	96
87) 1,3-Dichlorobenzene	14.47	146	369705	21.067	ug/l	97
88) 1,4-Dichlorobenzene	14.55	146	342376	19.425	ug/l	98
89) n-Butylbenzene	14.81	91	595149	18.766	ug/l	97
90) Hexachloroethane	15.02	117	180155	19.775	ug/l	88
91) 1,2-Dichlorobenzene	14.82	146	315080	20.985	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	26406	22.813	ug/l	61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	217894	18.578	ug/l	98
94) Hexachlorobutadiene	16.05	225	155163	17.317	ug/l	93
95) Naphthalene	16.13	128	292025	17.764	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	179286	19.895	ug/l	98

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

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