

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062223.D
 Acq On : 10 May 2019 19:33
 Operator : FY/SY
 Sample : VD0510SBS02
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBS02

Quant Time: May 10 23:38:30 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	7.03	168	532971	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	769950	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	629446	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	398236	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	332364	67.10	ug/l	0.02
Spiked Amount	50.000		Recovery	=	134.20%	
35) Dibromofluoromethane	6.91	113	368274	57.65	ug/l	0.02
Spiked Amount	50.000		Recovery	=	115.30%	
50) Toluene-d8	10.41	98	793996	51.55	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	13.56	95	357847	57.86	ug/l	0.01
Spiked Amount	50.000		Recovery	=	115.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	106866	20.965	ug/l	98
3) Chloromethane	1.74	50	68125	18.496	ug/l	100
4) Vinyl Chloride	1.84	62	68464	18.914	ug/l	93
5) Bromomethane	2.13	94	24790	29.227	ug/l	94
6) Chloroethane	2.24	64	33241	21.884	ug/l	99
7) Trichlorofluoromethane	2.50	101	159446	22.657	ug/l	98
8) Diethyl Ether	2.86	74	26588	19.590	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.13	101	108754	20.429	ug/l	97
10) Methyl Iodide	3.29	142	123704	15.375	ug/l	89
11) Tert butyl alcohol	4.06	59	27503	108.784	ug/l	98
12) 1,1-Dichloroethene	3.11	96	71794	17.667	ug/l #	72
13) Acrolein	3.03	56	22812	87.237	ug/l #	77
14) Allyl chloride	3.60	41	108754	18.406	ug/l #	80
15) Acrylonitrile	4.18	53	72114	108.519	ug/l	93
16) Acetone	3.20	43	122862	118.286	ug/l #	83
17) Carbon Disulfide	3.36	76	198423	16.973	ug/l #	95
18) Methyl Acetate	3.63	43	35538	18.942	ug/l #	85
19) Methyl tert-butyl Ether	4.22	73	195090	22.397	ug/l	95
20) Methylene Chloride	3.80	84	94518	21.794	ug/l	98
21) trans-1,2-Dichloroethene	4.20	96	86442	19.115	ug/l	95
22) Diisopropyl ether	5.10	45	264912	21.069	ug/l	94
23) Vinyl Acetate	5.03	43	767442	115.683	ug/l	99
24) 1,1-Dichloroethane	4.96	63	157676	20.787	ug/l	98
25) 2-Butanone	6.06	43	117988	104.141	ug/l	96
26) 2,2-Dichloropropane	6.01	77	167641	22.187	ug/l	91
27) cis-1,2-Dichloroethene	6.02	96	100677	19.890	ug/l	97
28) Bromochloromethane	6.42	49	69321	23.229	ug/l	89
29) Tetrahydrofuran	6.45	42	57087	109.357	ug/l	98
30) Chloroform	6.65	83	210780	23.057	ug/l	93
31) Cyclohexane	6.94	56	91367	17.582	ug/l	95
32) 1,1,1-Trichloroethane	6.85	97	192865	22.321	ug/l	98
36) 1,1-Dichloropropene	7.13	75	134507	21.307	ug/l	92
37) Ethyl Acetate	6.17	43	64867	24.229	ug/l #	85
38) Carbon Tetrachloride	7.10	117	206593	23.644	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	108871	18.000	ug/l	99
40) Benzene	7.44	78	278195	19.515	ug/l	100
41) Methacrylonitrile	6.43	41	74711	22.836	ug/l #	85
42) 1,2-Dichloroethane	7.56	62	140212	23.215	ug/l	94
43) Isopropyl Acetate	9.24	43	83889	22.094	ug/l	94
44) Trichloroethene	8.53	130	106327	19.574	ug/l	87
45) 1,2-Dichloropropane	8.93	63	66650	18.902	ug/l	95
46) Dibromomethane	9.06	93	60430	21.075	ug/l	92
47) Bromodichloromethane	9.36	83	156988	22.383	ug/l	98
48) Methyl methacrylate	9.11	41	55942	23.920	ug/l #	87
49) 1,4-Dioxane	9.08	88	10854	430.141	ug/l #	81
51) 4-Methyl-2-Pentanone	10.30	43	288640	118.263	ug/l	92
52) Toluene	10.51	92	189179	20.397	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	125193	20.653	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	130840	19.786	ug/l #	90
55) 1,1,2-Trichloroethane	11.18	97	76385	23.276	ug/l	98
56) Ethyl methacrylate	11.04	69	71619	21.002	ug/l #	89
57) 1,3-Dichloropropane	11.40	76	108364	21.857	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	205975	110.575	ug/l	99
59) 2-Hexanone	11.53	43	211052	117.326	ug/l	98
60) Dibromochloromethane	11.68	129	123201	21.723	ug/l	98
61) 1,2-Dibromoethane	11.80	107	84079	21.074	ug/l	94
64) Tetrachloroethene	11.25	164	103320	20.991	ug/l	96
65) Chlorobenzene	12.39	112	251081	21.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	111241	21.802	ug/l	94
67) Ethyl Benzene	12.52	91	399123	20.335	ug/l	94
68) m/p-Xylenes	12.67	106	302128	42.310	ug/l	87
69) o-Xylene	13.04	106	140076	21.100	ug/l	85
70) Styrene	13.07	104	224784	19.988	ug/l	97
71) Bromoform	13.23	173	81169	22.866	ug/l #	95
73) Isopropylbenzene	13.40	105	445222	18.651	ug/l	97
74) N-amyl acetate	13.26	43	113552	18.143	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	79430	17.576	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	97357	20.571	ug/l	97
77) Bromobenzene	13.67	156	116593	17.448	ug/l	93
78) n-propylbenzene	13.77	91	542297	19.044	ug/l	96
79) 2-Chlorotoluene	13.84	91	321297	19.701	ug/l	91
80) 1,3,5-Trimethylbenzene	13.93	105	383163	19.061	ug/l	89
81) trans-1,4-Dichloro-2-buten	13.47	75	21805	16.320	ug/l #	70
82) 4-Chlorotoluene	13.95	91	377648	19.678	ug/l	90
83) tert-Butylbenzene	14.19	119	426750	18.888	ug/l	93
84) 1,2,4-Trimethylbenzene	14.23	105	379656	18.821	ug/l	90
85) sec-Butylbenzene	14.36	105	464386	18.746	ug/l	94
86) p-Isopropyltoluene	14.49	119	411348	18.586	ug/l	94
87) 1,3-Dichlorobenzene	14.45	146	235839	19.319	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	218504	18.217	ug/l	95
89) n-Butylbenzene	14.80	91	366741	18.461	ug/l	95
90) Hexachloroethane	15.01	117	115243	19.147	ug/l	62
91) 1,2-Dichlorobenzene	14.81	146	195711	19.467	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	14778	19.921	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	156309	21.361	ug/l	94
94) Hexachlorobutadiene	16.04	225	112517	20.674	ug/l	99
95) Naphthalene	16.12	128	228130	22.330	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	123173	26.772	ug/l	95

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

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