

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062467.D
 Acq On : 20 May 2019 20:25
 Operator : FY/SY
 Sample : VD0520SBS01
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

Quant Time: May 21 03:41:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	755588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1043919	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	840959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	426858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	434411	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	6.94	113	481795	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.42	98	1093868	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	13.56	95	450671	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	175139	21.891	ug/l	100
3) Chloromethane	1.75	50	109178	20.858	ug/l	90
4) Vinyl Chloride	1.85	62	112586	20.440	ug/l	94
5) Bromomethane	2.15	94	43579	18.335	ug/l	92
6) Chloroethane	2.25	64	46766	17.551	ug/l	89
7) Trichlorofluoromethane	2.53	101	251709	19.778	ug/l	99
8) Diethyl Ether	2.88	74	33908	19.751	ug/l	60
9) 1,1,2-Trichlorotrifluoroet	3.15	101	159036	21.005	ug/l	95
10) Methyl Iodide	3.31	142	188960	17.899	ug/l #	87
11) Tert butyl alcohol	4.09	59	39274	105.198	ug/l	96
12) 1,1-Dichloroethene	3.13	96	111500	19.926	ug/l #	78
13) Acrolein	3.04	56	33150	106.924	ug/l	99
14) Allyl chloride	3.62	41	175437	21.263	ug/l #	80
15) Acrylonitrile	4.21	53	96937	113.314	ug/l	89
16) Acetone	3.24	43	149221	102.956	ug/l #	86
17) Carbon Disulfide	3.38	76	373968	22.067	ug/l	99
18) Methyl Acetate	3.65	43	57391	22.947	ug/l	93
19) Methyl tert-butyl Ether	4.25	73	264305	20.450	ug/l	92
20) Methylene Chloride	3.82	84	133300	17.489	ug/l	90
21) trans-1,2-Dichloroethene	4.22	96	138837	21.194	ug/l	92
22) Diisopropyl ether	5.14	45	392891	22.372	ug/l	95
23) Vinyl Acetate	5.07	43	1102823	103.925	ug/l	96
24) 1,1-Dichloroethane	5.00	63	242741	21.462	ug/l	97
25) 2-Butanone	6.08	43	160383	105.800	ug/l	93
26) 2,2-Dichloropropane	6.03	77	242500	19.890	ug/l	93
27) cis-1,2-Dichloroethene	6.05	96	152768	21.627	ug/l	96
28) Bromochloromethane	6.45	49	87206	21.483	ug/l #	79
29) Tetrahydrofuran	6.48	42	86374	119.305	ug/l	93
30) Chloroform	6.67	83	304347	21.107	ug/l	99
31) Cyclohexane	6.97	56	162423	21.269	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	289979	19.919	ug/l	98
36) 1,1-Dichloropropene	7.15	75	204386	20.478	ug/l	94
37) Ethyl Acetate	6.19	43	85390	22.023	ug/l #	88
38) Carbon Tetrachloride	7.12	117	303082	20.433	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	174604	21.210	ug/l	95
40) Benzene	7.47	78	419817	21.444	ug/l	99
41) Methacrylonitrile	6.47	41	112187	23.038	ug/l #	83
42) 1,2-Dichloroethane	7.59	62	213633	20.608	ug/l	91
43) Isopropyl Acetate	9.25	43	117221	22.790	ug/l	94
44) Trichloroethene	8.55	130	166048	21.184	ug/l	89
45) 1,2-Dichloropropane	8.95	63	105575	22.129	ug/l	94
46) Dibromomethane	9.07	93	90473	20.920	ug/l	93
47) Bromodichloromethane	9.39	83	225292	20.478	ug/l	96
48) Methyl methacrylate	9.13	41	73047	21.103	ug/l	88
49) 1,4-Dioxane	9.10	88	15132	487.380	ug/l #	86
51) 4-Methyl-2-Pentanone	10.31	43	382336	112.518	ug/l	95
52) Toluene	10.52	92	271391	20.250	ug/l	95
53) t-1,3-Dichloropropene	10.92	75	181070	19.769	ug/l	96
54) cis-1,3-Dichloropropene	10.06	75	195510	20.457	ug/l	92
55) 1,1,2-Trichloroethane	11.20	97	105502	23.227	ug/l	97
56) Ethyl methacrylate	11.05	69	99443	20.479	ug/l #	82
57) 1,3-Dichloropropane	11.42	76	152426	21.881	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.87	63	277715	111.380	ug/l	98
59) 2-Hexanone	11.54	43	274606	111.195	ug/l	87
60) Dibromochloromethane	11.69	129	182503	20.919	ug/l	96
61) 1,2-Dibromoethane	11.82	107	125846	22.482	ug/l	95
64) Tetrachloroethene	11.27	164	150254	21.339	ug/l	92
65) Chlorobenzene	12.41	112	334940	20.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	150653	20.181	ug/l	95
67) Ethyl Benzene	12.54	91	569398	20.441	ug/l	94
68) m/p-Xylenes	12.67	106	398279	39.832	ug/l	86
69) o-Xylene	13.06	106	197819	20.968	ug/l	90
70) Styrene	13.08	104	334317	20.831	ug/l	95
71) Bromoform	13.25	173	109418	22.071	ug/l #	99
73) Isopropylbenzene	13.41	105	605252	22.495	ug/l	97
74) N-amyl acetate	13.28	43	162928	24.517	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	108908	22.436	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	115880	23.047	ug/l	99
77) Bromobenzene	13.68	156	168452	22.070	ug/l	98
78) n-propylbenzene	13.78	91	703758	22.580	ug/l	94
79) 2-Chlorotoluene	13.85	91	418940	22.150	ug/l	91
80) 1,3,5-Trimethylbenzene	13.94	105	485627	20.845	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	30380	21.425	ug/l #	80
82) 4-Chlorotoluene	13.95	91	472177	21.677	ug/l	90
83) tert-Butylbenzene	14.20	119	572422	22.151	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	478312	20.037	ug/l	88
85) sec-Butylbenzene	14.38	105	601206	22.312	ug/l	99
86) p-Isopropyltoluene	14.50	119	533695	21.856	ug/l	92
87) 1,3-Dichlorobenzene	14.47	146	306738	22.757	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	293110	22.535	ug/l	97
89) n-Butylbenzene	14.80	91	491432	20.853	ug/l	92
90) Hexachloroethane	15.02	117	142631	21.135	ug/l	77
91) 1,2-Dichlorobenzene	14.81	146	250355	21.843	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.39	75	18540	20.122	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	198752	22.023	ug/l	97
94) Hexachlorobutadiene	16.04	225	143523	21.538	ug/l	99
95) Naphthalene	16.13	128	282408	22.901	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	153968	20.811	ug/l	94

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

