

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065737.D
 Acq On : 14 May 2020 12:32
 Operator : VA/SY
 Sample : VD0514SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

Quant Time: May 15 08:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	348998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	523383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	464642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	146871	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.92	113	152043	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.34	98	575144	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	199025	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	42827	18.704	ug/l	98
3) Chloromethane	2.21	50	65821	20.057	ug/l	99
4) Vinyl Chloride	2.35	62	71361	20.083	ug/l	100
5) Bromomethane	2.75	94	46885	19.970	ug/l	95
6) Chloroethane	2.91	64	47637	20.669	ug/l	99
7) Trichlorofluoromethane	3.27	101	99570	20.269	ug/l	94
8) Diethyl Ether	3.71	74	28861	20.447	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	61840	20.480	ug/l	98
10) Methyl Iodide	4.30	142	56245	17.831	ug/l	100
11) Tert butyl alcohol	5.21	59	32712	114.188	ug/l	96
12) 1,1-Dichloroethene	4.07	96	59148	20.653	ug/l	93
13) Acrolein	3.93	56	21182	127.421	ug/l	97
14) Allyl chloride	4.71	41	98576	19.907	ug/l	100
15) Acrylonitrile	5.43	53	69002	110.658	ug/l	97
16) Acetone	4.16	43	57218	99.186	ug/l	98
17) Carbon Disulfide	4.40	76	179933	19.892	ug/l	98
18) Methyl Acetate	4.72	43	31134	21.470	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	139784	20.921	ug/l	100
20) Methylene Chloride	4.96	84	73255	22.509	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	67496	20.469	ug/l	98
22) Diisopropyl ether	6.36	45	197695	20.970	ug/l	93
23) Vinyl Acetate	6.31	43	579404	104.493	ug/l	98
24) 1,1-Dichloroethane	6.26	63	115146	20.861	ug/l	99
25) 2-Butanone	7.21	43	85927	104.201	ug/l	96
26) 2,2-Dichloropropane	7.21	77	104974	20.490	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	75990	21.030	ug/l	98
28) Bromochloromethane	7.55	49	44306	19.523	ug/l	99
29) Tetrahydrofuran	7.57	42	56877	108.786	ug/l	97
30) Chloroform	7.71	83	119138	21.357	ug/l	100
31) Cyclohexane	7.98	56	111482	19.952	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	108081	20.683	ug/l	99
36) 1,1-Dichloropropene	8.11	75	94012	20.684	ug/l	98
37) Ethyl Acetate	7.30	43	39422	20.245	ug/l #	92
38) Carbon Tetrachloride	8.10	117	101299	21.012	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	116051	19.923	ug/l	96
40) Benzene	8.36	78	256097	20.490	ug/l	98
41) Methacrylonitrile	7.52	41	18778m	17.510	ug/l	
42) 1,2-Dichloroethane	8.43	62	74104	21.294	ug/l	99
43) Isopropyl Acetate	8.45	43	82575	21.395	ug/l	99
44) Trichloroethene	9.11	130	76581	20.466	ug/l	98
45) 1,2-Dichloropropane	9.39	63	65728	21.329	ug/l	98
46) Dibromomethane	9.48	93	35589	21.418	ug/l	97
47) Bromodichloromethane	9.67	83	89752	20.635	ug/l	99
48) Methyl methacrylate	9.46	41	36466	20.129	ug/l	92
49) 1,4-Dioxane	9.47	88	8597	438.488	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	193059	104.528	ug/l	100
52) Toluene	10.41	92	170586	20.833	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	87772	20.657	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	104196	20.616	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	48127	21.261	ug/l	96
56) Ethyl methacrylate	10.67	69	62322	21.124	ug/l	97
57) 1,3-Dichloropropane	10.95	76	83485	21.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	143935	104.863	ug/l	100
59) 2-Hexanone	10.99	43	132241	105.143	ug/l	99
60) Dibromochloromethane	11.14	129	63498	20.947	ug/l	98
61) 1,2-Dibromoethane	11.25	107	46778	20.691	ug/l	99
64) Tetrachloroethene	10.88	164	65445	20.369	ug/l	96
65) Chlorobenzene	11.67	112	183191	20.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	69588	21.228	ug/l	99
67) Ethyl Benzene	11.75	91	328198	21.022	ug/l	96
68) m/p-Xylenes	11.86	106	250781	42.058	ug/l	100
69) o-Xylene	12.18	106	118044	21.266	ug/l	99
70) Styrene	12.20	104	197503	20.849	ug/l	99
71) Bromoform	12.37	173	39524	21.846	ug/l #	100
73) Isopropylbenzene	12.48	105	318807	20.688	ug/l	99
74) N-amyl acetate	12.30	43	75367	21.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	51571	21.144	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	33205m	19.383	ug/l	
77) Bromobenzene	12.77	156	78158	21.042	ug/l	100
78) n-propylbenzene	12.83	91	373749	20.763	ug/l	100
79) 2-Chlorotoluene	12.91	91	204277	20.510	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	264909	20.864	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	18833	21.568	ug/l	93
82) 4-Chlorotoluene	13.01	91	215881	20.559	ug/l	99
83) tert-Butylbenzene	13.23	119	230086	20.436	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	258891	20.675	ug/l	99
85) sec-Butylbenzene	13.41	105	313049	20.434	ug/l	99
86) p-Isopropyltoluene	13.53	119	294734	20.930	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	145249	20.850	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	145484	20.966	ug/l	99
89) n-Butylbenzene	13.85	91	269844	20.493	ug/l	100
90) Hexachloroethane	14.12	117	55152	20.019	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	126913	21.062	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8875	21.760	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	93384	20.372	ug/l	97
94) Hexachlorobutadiene	15.28	225	57122	20.784	ug/l	98
95) Naphthalene	15.41	128	158010	20.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81395	20.826	ug/l	99

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

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