

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065946.D
 Acq On : 10 Jul 2020 13:56
 Operator : VA/SY
 Sample : VD0710SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBS01

Quant Time: Jul 11 05:02:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	560462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	533016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	148968	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
35) Dibromofluoromethane	7.91	113	158986	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	10.34	98	589136	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.64	95	208056	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	74408	21.925	ug/l	96
3) Chloromethane	2.21	50	66438	19.748	ug/l	98
4) Vinyl Chloride	2.35	62	58826	19.043	ug/l	95
5) Bromomethane	2.76	94	38488	19.670	ug/l	84
6) Chloroethane	2.92	64	34649	18.764	ug/l	91
7) Trichlorofluoromethane	3.27	101	133125	20.108	ug/l	94
8) Diethyl Ether	3.71	74	36457	20.072	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81487	20.577	ug/l	96
10) Methyl Iodide	4.30	142	82387	21.272	ug/l	98
11) Tert butyl alcohol	5.21	59	24783	102.856	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	74053	20.016	ug/l	88
13) Acrolein	3.93	56	19640	98.779	ug/l	93
14) Allyl chloride	4.71	41	124923	19.925	ug/l	99
15) Acrylonitrile	5.42	53	80981	101.832	ug/l	97
16) Acetone	4.16	43	68616	86.542	ug/l #	86
17) Carbon Disulfide	4.41	76	242829	20.599	ug/l	100
18) Methyl Acetate	4.72	43	36204	19.480	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	160333	20.470	ug/l	99
20) Methylene Chloride	4.97	84	93713	15.413	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	85016	20.424	ug/l	96
22) Diisopropyl ether	6.36	45	241800	20.522	ug/l	96
23) Vinyl Acetate	6.30	43	665944	99.021	ug/l	99
24) 1,1-Dichloroethane	6.27	63	144228	20.529	ug/l	98
25) 2-Butanone	7.21	43	96581	92.184	ug/l	97
26) 2,2-Dichloropropane	7.20	77	123337	20.067	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	90555	20.248	ug/l	98
28) Bromochloromethane	7.55	49	56264	21.199	ug/l	95
29) Tetrahydrofuran	7.56	42	63675	95.578	ug/l	99
30) Chloroform	7.71	83	146210	20.528	ug/l	96
31) Cyclohexane	7.98	56	136992	19.818	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	134218	20.649	ug/l	99
36) 1,1-Dichloropropene	8.11	75	116048	20.965	ug/l	99
37) Ethyl Acetate	7.29	43	46194	19.917	ug/l	100
38) Carbon Tetrachloride	8.10	117	127665	21.518	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	144627	21.282	ug/l	96
40) Benzene	8.35	78	327061	21.387	ug/l	99
41) Methacrylonitrile	7.54	41	32245m	23.946	ug/l	
42) 1,2-Dichloroethane	8.43	62	89834	20.736	ug/l	98
43) Isopropyl Acetate	8.45	43	83928	19.441	ug/l	94
44) Trichloroethene	9.11	130	97908	21.791	ug/l	98
45) 1,2-Dichloropropane	9.39	63	81508	21.475	ug/l	98
46) Dibromomethane	9.47	93	41866	21.187	ug/l	99
47) Bromodichloromethane	9.66	83	113389	21.392	ug/l	97
48) Methyl methacrylate	9.46	41	43964	20.229	ug/l	96
49) 1,4-Dioxane	9.47	88	10028	427.105	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	217948	99.858	ug/l	100
52) Toluene	10.40	92	213299	21.925	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	104869	21.041	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	127946	21.245	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	60154	22.095	ug/l	96
56) Ethyl methacrylate	10.66	69	70904	21.323	ug/l	97
57) 1,3-Dichloropropane	10.95	76	98380	20.663	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	171608	106.560	ug/l	99
59) 2-Hexanone	10.98	43	150887	100.521	ug/l	99
60) Dibromochloromethane	11.14	129	80054	21.522	ug/l	98
61) 1,2-Dibromoethane	11.25	107	57177	21.064	ug/l	99
64) Tetrachloroethene	10.87	164	85366	22.023	ug/l	94
65) Chlorobenzene	11.67	112	231686	21.570	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	86028	21.413	ug/l	99
67) Ethyl Benzene	11.74	91	405741	21.263	ug/l	98
68) m/p-Xylenes	11.86	106	310689	42.855	ug/l	99
69) o-Xylene	12.18	106	143772	21.770	ug/l	98
70) Styrene	12.20	104	248570	21.803	ug/l	99
71) Bromoform	12.37	173	48124	21.169	ug/l #	99
73) Isopropylbenzene	12.48	105	391044	20.684	ug/l	100
74) N-amyl acetate	12.29	43	80936	19.078	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	61956	19.739	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	43636m	19.202	ug/l	
77) Bromobenzene	12.76	156	95561	20.840	ug/l	99
78) n-propylbenzene	12.82	91	453775	20.472	ug/l	100
79) 2-Chlorotoluene	12.91	91	259602	20.645	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	326142	21.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20838	19.703	ug/l	99
82) 4-Chlorotoluene	13.01	91	271221	20.558	ug/l	99
83) tert-Butylbenzene	13.23	119	269452	20.452	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	322763	20.968	ug/l	99
85) sec-Butylbenzene	13.40	105	389341	20.853	ug/l	99
86) p-Isopropyltoluene	13.52	119	361544	21.171	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	186479	21.733	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	182755	21.349	ug/l	99
89) n-Butylbenzene	13.84	91	326734	20.374	ug/l	99
90) Hexachloroethane	14.11	117	69972	20.318	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	158920	21.191	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9387	17.885	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	110951	20.758	ug/l	99
94) Hexachlorobutadiene	15.27	225	66330	20.516	ug/l	98
95) Naphthalene	15.40	128	173662	19.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	98001	21.257	ug/l	99

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

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