

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067288.D
 Acq On : 15 Oct 2020 17:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 16 01:44:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	318601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	476404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	445582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	152740	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.92	113	158462	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.34	98	576072	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.64	95	200370	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	116741	45.232	ug/l	98
3) Chloromethane	2.21	50	87563	43.670	ug/l	98
4) Vinyl Chloride	2.35	62	94722	43.055	ug/l	96
5) Bromomethane	2.77	94	73458	47.882	ug/l	86
6) Chloroethane	2.93	64	62096	45.321	ug/l	93
7) Trichlorofluoromethane	3.27	101	250365	45.193	ug/l	99
8) Diethyl Ether	3.71	74	58677	46.287	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	133707	45.427	ug/l	100
10) Methyl Iodide	4.30	142	122885	45.260	ug/l	99
11) Tert butyl alcohol	5.22	59	35835	208.341	ug/l #	96
12) 1,1-Dichloroethene	4.06	96	116725	44.391	ug/l	95
13) Acrolein	3.93	56	36210	195.028	ug/l	100
14) Allyl chloride	4.71	41	133205	44.236	ug/l	97
15) Acrylonitrile	5.42	53	98286	232.362	ug/l	99
16) Acetone	4.16	43	94770	212.001	ug/l	96
17) Carbon Disulfide	4.41	76	331574	44.233	ug/l	100
18) Methyl Acetate	4.72	43	46009	45.124	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	246708	47.186	ug/l	94
20) Methylene Chloride	4.96	84	142725	49.829	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	141810	46.865	ug/l	96
22) Diisopropyl ether	6.37	45	270505	49.175	ug/l	94
23) Vinyl Acetate	6.31	43	795250	254.112	ug/l	100
24) 1,1-Dichloroethane	6.27	63	220170	46.758	ug/l	99
25) 2-Butanone	7.21	43	123477	242.318	ug/l	96
26) 2,2-Dichloropropane	7.21	77	220036	45.336	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	155351	46.844	ug/l	97
28) Bromochloromethane	7.55	49	79006	49.191	ug/l	98
29) Tetrahydrofuran	7.57	42	68048	240.234	ug/l	96
30) Chloroform	7.71	83	267465	47.549	ug/l	92
31) Cyclohexane	7.99	56	156324	42.521	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	257867	46.723	ug/l	99
36) 1,1-Dichloropropene	8.11	75	189174	46.850	ug/l	98
37) Ethyl Acetate	7.29	43	56856	47.858	ug/l	95
38) Carbon Tetrachloride	8.10	117	241714	46.837	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	200318	47.455	ug/l	96
40) Benzene	8.36	78	527757	47.643	ug/l	98
41) Methacrylonitrile	7.53	41	35565	55.399	ug/l #	76
42) 1,2-Dichloroethane	8.43	62	163904	47.280	ug/l	98
43) Isopropyl Acetate	8.46	43	110313	46.796	ug/l	99
44) Trichloroethene	9.11	130	166081	46.827	ug/l	98
45) 1,2-Dichloropropane	9.39	63	117410	45.733	ug/l	95
46) Dibromomethane	9.48	93	75681	47.314	ug/l	97
47) Bromodichloromethane	9.67	83	203990	47.600	ug/l	95
48) Methyl methacrylate	9.46	41	56520	49.338	ug/l	95
49) 1,4-Dioxane	9.46	88	15475	999.718	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	284208	241.724	ug/l	100
52) Toluene	10.41	92	365791	48.482	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	178200	47.335	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	213050	48.357	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	104710	48.006	ug/l	98
56) Ethyl methacrylate	10.67	69	113092	49.994	ug/l	100
57) 1,3-Dichloropropane	10.95	76	165299	47.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	307692	265.144	ug/l	97
59) 2-Hexanone	10.99	43	194015	241.484	ug/l	99
60) Dibromochloromethane	11.14	129	150884	47.434	ug/l	97
61) 1,2-Dibromoethane	11.25	107	100865	46.907	ug/l	97
64) Tetrachloroethene	10.88	164	146034	45.234	ug/l	94
65) Chlorobenzene	11.67	112	403070	47.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	162527	47.859	ug/l	98
67) Ethyl Benzene	11.75	91	697124	47.595	ug/l	100
68) m/p-Xylenes	11.86	106	542335	96.153	ug/l	98
69) o-Xylene	12.18	106	247692	47.424	ug/l	98
70) Styrene	12.20	104	437473	48.657	ug/l	99
71) Bromoform	12.37	173	84332	46.225	ug/l #	97
73) Isopropylbenzene	12.48	105	701164	49.544	ug/l	100
74) N-amyl acetate	12.30	43	102754	48.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	101351	46.739	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	78335m	50.685	ug/l	
77) Bromobenzene	12.77	156	166790	47.272	ug/l	98
78) n-propylbenzene	12.83	91	797446	48.633	ug/l	100
79) 2-Chlorotoluene	12.91	91	455161	47.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	610552	49.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	31851	46.734	ug/l	96
82) 4-Chlorotoluene	13.01	91	486805	48.234	ug/l	99
83) tert-Butylbenzene	13.23	119	519899	50.046	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	615921	50.671	ug/l	98
85) sec-Butylbenzene	13.41	105	695298	48.777	ug/l	99
86) p-Isopropyltoluene	13.52	119	664789	49.410	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	318968	46.968	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	321170	47.734	ug/l	100
89) n-Butylbenzene	13.85	91	592111	50.024	ug/l	98
90) Hexachloroethane	14.12	117	112311	47.835	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	280265	47.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18543	47.070	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	196833	49.208	ug/l	98
94) Hexachlorobutadiene	15.28	225	121326	48.844	ug/l	98
95) Naphthalene	15.41	128	331716	50.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	171661	49.676	ug/l	100

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

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