

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
 Data File : VD065690.D
 Acq On : 01 May 2020 19:14
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 02 04:21:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 02 02:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	604624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	852558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	790401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423594	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	323792	63.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.20%	
35) Dibromofluoromethane	7.92	113	298005	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.34	98	1107426	71.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.70%	
62) 4-Bromofluorobenzene	12.64	95	358937	60.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	143217	28.910	ug/l	100
3) Chloromethane	2.21	50	278995	57.996	ug/l	100
4) Vinyl Chloride	2.35	62	347439	74.656	ug/l	100
5) Bromomethane	2.77	94	213716	125.496	ug/l	100
6) Chloroethane	2.92	64	230409	114.383	ug/l	100
7) Trichlorofluoromethane	3.27	101	452686	66.661	ug/l	100
8) Diethyl Ether	3.71	74	119548	65.694	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	272029	47.109	ug/l	100
10) Methyl Iodide	4.30	142	258577	38.478	ug/l	100
11) Tert butyl alcohol	5.23	59	87977	310.244	ug/l	100
12) 1,1-Dichloroethene	4.07	96	244537	49.426	ug/l	100
13) Acrolein	3.93	56	134355	409.759	ug/l	100
14) Allyl chloride	4.71	41	427075	60.192	ug/l	100
15) Acrylonitrile	5.42	53	300932	335.489	ug/l	100
16) Acetone	4.16	43	263147	235.306	ug/l	100
17) Carbon Disulfide	4.41	76	792073	54.314	ug/l	100
18) Methyl Acetate	4.72	43	155204	62.541	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	572790	56.498	ug/l	100
20) Methylene Chloride	4.96	84	314922	49.033	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	295964	51.808	ug/l	100
22) Diisopropyl ether	6.37	45	887859	54.829	ug/l	100
23) Vinyl Acetate	6.31	43	2552705	298.308	ug/l	100
24) 1,1-Dichloroethane	6.27	63	531096	54.236	ug/l	100
25) 2-Butanone	7.21	43	386828	273.843	ug/l	100
26) 2,2-Dichloropropane	7.21	77	450104	52.951	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	313341	48.286	ug/l	100
28) Bromochloromethane	7.55	49	215735	57.010	ug/l	100
29) Tetrahydrofuran	7.56	42	249846	342.560	ug/l	100
30) Chloroform	7.71	83	549225	50.840	ug/l	100
31) Cyclohexane	7.98	56	459770	62.457	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	493433	52.532	ug/l	100
36) 1,1-Dichloropropene	8.11	75	418823	60.512	ug/l	100
37) Ethyl Acetate	7.30	43	181969	60.418	ug/l	100
38) Carbon Tetrachloride	8.10	117	460783	54.572	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	469755	66.798	ug/l	100
40) Benzene	8.36	78	1172091	66.430	ug/l	100
41) Methacrylonitrile	7.54	41	111842m	36.041	ug/l	
42) 1,2-Dichloroethane	8.43	62	372714	62.739	ug/l	100
43) Isopropyl Acetate	9.53	43	241557	56.333	ug/l	100
44) Trichloroethene	9.11	130	315137	49.503	ug/l	100
45) 1,2-Dichloropropane	9.39	63	298618	66.543	ug/l	100
46) Dibromomethane	9.48	93	159251	52.407	ug/l	100
47) Bromodichloromethane	9.67	83	425224	57.607	ug/l	100
48) Methyl methacrylate	9.46	41	177928	68.656	ug/l	100
49) 1,4-Dioxane	9.46	88	37488	1373.181	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	904028	331.557	ug/l	100
52) Toluene	10.41	92	753630	66.108	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	386584	62.068	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	452742	59.728	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	215678	58.688	ug/l	100
56) Ethyl methacrylate	10.67	69	252592	61.267	ug/l	100
57) 1,3-Dichloropropane	10.95	76	370057	63.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	527058	278.366	ug/l	100
59) 2-Hexanone	10.99	43	612903	306.368	ug/l	100
60) Dibromochloromethane	11.14	129	288174	49.284	ug/l	100
61) 1,2-Dibromoethane	11.25	107	208997	49.212	ug/l	100
64) Tetrachloroethene	10.88	164	280298	49.545	ug/l	100
65) Chlorobenzene	11.67	112	790632	52.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	307410	48.584	ug/l	100
67) Ethyl Benzene	11.75	91	1424369	56.346	ug/l	100
68) m/p-Xylenes	11.86	106	1107665	119.137	ug/l	100
69) o-Xylene	12.18	106	477413	56.812	ug/l	100
70) Styrene	12.20	104	876537	59.900	ug/l	100
71) Bromoform	12.37	173	174893	48.415	ug/l	100
73) Isopropylbenzene	12.48	105	1331375	47.179	ug/l	100
74) N-amyl acetate	12.30	43	304379	42.718	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	232328	42.972	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	159606m	31.908	ug/l	
77) Bromobenzene	12.77	156	337862	42.504	ug/l	100
78) n-propylbenzene	12.83	91	1616286	49.347	ug/l	100
79) 2-Chlorotoluene	12.91	91	899620	46.137	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1125859	49.435	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	74481	45.961	ug/l	100
82) 4-Chlorotoluene	13.01	91	955265	44.766	ug/l	100
83) tert-Butylbenzene	13.23	119	936464	37.591	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	1133128	52.614	ug/l	100
85) sec-Butylbenzene	13.41	105	1324435	47.204	ug/l	100
86) p-Isopropyltoluene	13.53	119	1260244	50.212	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	645664	45.859	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	628067	47.656	ug/l	100
89) n-Butylbenzene	13.86	91	1138815	49.921	ug/l	100
90) Hexachloroethane	14.12	117	250653	38.543	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	554404	47.282	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	39844	53.250	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	371998	57.516	ug/l	100
94) Hexachlorobutadiene	15.28	225	258275	54.953	ug/l	100
95) Naphthalene	15.41	128	581238	55.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	334764	82.530	ug/l	100

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

