

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065744.D
 Acq On : 14 May 2020 15:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 08:37:55 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	353402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	536548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	469994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	145968	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.92	113	155269	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.34	98	585541	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.64	95	199426	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	115509	49.818	ug/l	99
3) Chloromethane	2.21	50	157857	47.503	ug/l	97
4) Vinyl Chloride	2.35	62	179093	49.773	ug/l	99
5) Bromomethane	2.77	94	118389	49.798	ug/l	95
6) Chloroethane	2.93	64	117333	50.274	ug/l	100
7) Trichlorofluoromethane	3.27	101	250968	50.452	ug/l	96
8) Diethyl Ether	3.71	74	71772	50.214	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	150415	49.194	ug/l	99
10) Methyl Iodide	4.30	142	154943	48.509	ug/l	99
11) Tert butyl alcohol	5.22	59	49186	206.123	ug/l	100
12) 1,1-Dichloroethene	4.07	96	142704	49.207	ug/l	98
13) Acrolein	3.92	56	33432	209.679	ug/l	99
14) Allyl chloride	4.71	41	242420	48.346	ug/l	98
15) Acrylonitrile	5.42	53	152020	240.755	ug/l	99
16) Acetone	4.16	43	121640	208.232	ug/l	99
17) Carbon Disulfide	4.41	76	438824	47.909	ug/l	99
18) Methyl Acetate	4.71	43	64849	47.352	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	334763	49.478	ug/l	98
20) Methylene Chloride	4.97	84	157453	47.777	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	166996	50.013	ug/l	97
22) Diisopropyl ether	6.37	45	479933	50.274	ug/l	97
23) Vinyl Acetate	6.31	43	1392470	247.997	ug/l	98
24) 1,1-Dichloroethane	6.27	63	278375	49.804	ug/l	98
25) 2-Butanone	7.21	43	189782	227.274	ug/l	100
26) 2,2-Dichloropropane	7.21	77	252170	48.609	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	185075	50.580	ug/l	98
28) Bromochloromethane	7.55	49	117222	51.009	ug/l	98
29) Tetrahydrofuran	7.57	42	124484	235.128	ug/l	99
30) Chloroform	7.71	83	286825	50.776	ug/l	97
31) Cyclohexane	7.98	56	263055	46.493	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	267177	50.491	ug/l	100
36) 1,1-Dichloropropene	8.11	75	222185	47.684	ug/l	99
37) Ethyl Acetate	7.30	43	89429	44.799	ug/l	98
38) Carbon Tetrachloride	8.10	117	240359	48.634	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	281628	47.162	ug/l	99
40) Benzene	8.36	78	630817	49.232	ug/l	100
41) Methacrylonitrile	7.53	41	49784	45.284	ug/l #	63
42) 1,2-Dichloroethane	8.43	62	175864	49.295	ug/l	99
43) Isopropyl Acetate	8.46	43	185458	46.873	ug/l	99
44) Trichloroethene	9.11	130	188412	49.118	ug/l	97
45) 1,2-Dichloropropane	9.39	63	158379	50.134	ug/l	100
46) Dibromomethane	9.48	93	82616	48.499	ug/l	98
47) Bromodichloromethane	9.67	83	222595	49.923	ug/l	96
48) Methyl methacrylate	9.46	41	89248	48.055	ug/l	99
49) 1,4-Dioxane	9.47	88	19835	986.856	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	443238	234.095	ug/l	99
52) Toluene	10.41	92	412637	49.158	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	215955	49.577	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	258962	49.980	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	112677	48.555	ug/l	95
56) Ethyl methacrylate	10.66	69	147136	48.647	ug/l	98
57) 1,3-Dichloropropane	10.95	76	198007	49.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	343600	244.185	ug/l	100
59) 2-Hexanone	10.99	43	301159	233.572	ug/l	99
60) Dibromochloromethane	11.14	129	155101	49.910	ug/l	98
61) 1,2-Dibromoethane	11.25	107	112457	48.521	ug/l	99
64) Tetrachloroethene	10.88	164	157251	48.386	ug/l	97
65) Chlorobenzene	11.67	112	442918	50.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	166864	50.323	ug/l	100
67) Ethyl Benzene	11.75	91	796037	50.408	ug/l	97
68) m/p-Xylenes	11.86	106	614279	101.846	ug/l	98
69) o-Xylene	12.18	106	280567	49.969	ug/l	94
70) Styrene	12.20	104	484593	50.573	ug/l	99
71) Bromoform	12.37	173	91840	50.184	ug/l #	100
73) Isopropylbenzene	12.48	105	772610	49.611	ug/l	99
74) N-amyl acetate	12.30	43	177665	49.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	118906	48.240	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	77616m	44.833	ug/l	
77) Bromobenzene	12.77	156	186446	49.669	ug/l	98
78) n-propylbenzene	12.83	91	897355	49.328	ug/l	100
79) 2-Chlorotoluene	12.91	91	498539	49.528	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	637136	49.653	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	40522	45.920	ug/l	96
82) 4-Chlorotoluene	13.01	91	520947	49.090	ug/l	98
83) tert-Butylbenzene	13.23	119	557851	49.027	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	634948	50.175	ug/l	99
85) sec-Butylbenzene	13.41	105	757286	48.911	ug/l	100
86) p-Isopropyltoluene	13.53	119	708331	49.773	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	352079	50.008	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	347184	49.508	ug/l	99
89) n-Butylbenzene	13.85	91	652871	49.060	ug/l	99
90) Hexachloroethane	14.12	117	136621	49.070	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	304421	49.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18383	44.599	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	225933	48.770	ug/l	99
94) Hexachlorobutadiene	15.28	225	134002	48.246	ug/l	99
95) Naphthalene	15.41	128	366771	47.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	192091	48.633	ug/l	99

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

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