

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069383.D
 Acq On : 08 Jun 2021 10:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:24:39 PM

Quant Time: Jun 09 02:07:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	466442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	717436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	665741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	334936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194223	43.396	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.800%		
35) Dibromofluoromethane	7.914	113	215052	47.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.460%		
50) Toluene-d8	10.338	98	763310	46.591	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.626	95	260777	48.577	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	212213	43.222	ug/l	99
3) Chloromethane	2.209	50	184576	49.797	ug/l	99
4) Vinyl Chloride	2.350	62	205829	54.508	ug/l	98
5) Bromomethane	2.767	94	138858	50.404	ug/l	95
6) Chloroethane	2.914	64	118494	54.992	ug/l	99
7) Trichlorofluoromethane	3.267	101	401696	45.735	ug/l	96
8) Diethyl Ether	3.708	74	100282	46.474	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	242483	46.883	ug/l	99
10) Methyl Iodide	4.297	142	220920	42.242	ug/l	99
11) Tert butyl alcohol	5.226	59	61476	221.018	ug/l	98
12) 1,1-Dichloroethene	4.067	96	218658	46.738	ug/l	97
13) Acrolein	3.920	56	76649	256.083	ug/l	93
14) Allyl chloride	4.714	41	258624	45.817	ug/l	100
15) Acrylonitrile	5.420	53	195064	231.888	ug/l	99
16) Acetone	4.156	43	212973	272.682	ug/l	98
17) Carbon Disulfide	4.408	76	668822	43.232	ug/l	98
18) Methyl Acetate	4.714	43	88728	41.980	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	415442	48.351	ug/l	98
20) Methylene Chloride	4.961	84	252484	43.266	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	256615	46.313	ug/l	99
22) Diisopropyl ether	6.361	45	527776	48.682	ug/l	96
23) Vinyl Acetate	6.308	43	1570459	227.791	ug/l	100
24) 1,1-Dichloroethane	6.261	63	415500	45.801	ug/l	99
25) 2-Butanone	7.214	43	256633	249.708	ug/l	92
26) 2,2-Dichloropropane	7.208	77	387091	46.304	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	273423	46.589	ug/l	99
28) Bromochloromethane	7.549	49	141856	45.099	ug/l	99
29) Tetrahydrofuran	7.561	42	138706	234.813	ug/l	99
30) Chloroform	7.708	83	456664	46.045	ug/l	99
31) Cyclohexane	7.985	56	317563	44.654	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	413469	46.195	ug/l	99
36) 1,1-Dichloropropene	8.108	75	353066	50.630	ug/l	99
37) Ethyl Acetate	7.291	43	115964	48.975	ug/l #	95
38) Carbon Tetrachloride	8.096	117	376926	50.062	ug/l	94
39) Methylcyclohexane	9.355	83	376959	52.842	ug/l	93
40) Benzene	8.349	78	966042	47.698	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	54374	47.299	ug/l	96
42) 1,2-Dichloroethane	8.426	62	260920	48.274	ug/l	99
43) Isopropyl Acetate	8.449	43	213675	49.584	ug/l	99
44) Trichloroethene	9.114	130	277033	50.344	ug/l	96
45) 1,2-Dichloropropane	9.385	63	235483	48.834	ug/l	99
46) Dibromomethane	9.479	93	133148	48.309	ug/l	94
47) Bromodichloromethane	9.661	83	343630	48.350	ug/l	95
48) Methyl methacrylate	9.455	41	99612	49.789	ug/l	93
49) 1,4-Dioxane	9.461	88	29197	1078.417	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	574535	258.130	ug/l	98
52) Toluene	10.402	92	639620	50.034	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	309185	48.712	ug/l	100
54) cis-1,3-Dichloropropene	10.090	75	367053	48.504	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	189246	49.500	ug/l	98
56) Ethyl methacrylate	10.661	69	206083	47.409	ug/l	98
57) 1,3-Dichloropropane	10.943	76	310413	50.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	482717	269.647	ug/l	100
59) 2-Hexanone	10.985	43	413515	277.929	ug/l	99
60) Dibromochloromethane	11.137	129	239372	49.690	ug/l	99
61) 1,2-Dibromoethane	11.243	107	182180	49.956	ug/l	100
64) Tetrachloroethene	10.873	164	238834	51.540	ug/l	97
65) Chlorobenzene	11.667	112	683022	50.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	255434	50.111	ug/l	100
67) Ethyl Benzene	11.743	91	1224138	52.372	ug/l	97
68) m/p-Xylenes	11.849	106	968101	105.701	ug/l	100
69) o-Xylene	12.179	106	435907	53.813	ug/l	98
70) Styrene	12.190	104	760805	54.104	ug/l	100
71) Bromoform	12.355	173	137649	52.064	ug/l #	96
73) Isopropylbenzene	12.473	105	1194205	52.098	ug/l	98
74) N-amyl acetate	12.284	43	203369	50.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	211642	49.458	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	155524m	53.444	ug/l	
77) Bromobenzene	12.755	156	276418	50.073	ug/l	97
78) n-propylbenzene	12.814	91	1453870	51.715	ug/l	99
79) 2-Chlorotoluene	12.902	91	800421	50.087	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	1003680	51.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	61798	47.060	ug/l	92
82) 4-Chlorotoluene	13.002	91	849827	50.548	ug/l	99
83) tert-Butylbenzene	13.220	119	853303	52.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1001634	51.879	ug/l	99
85) sec-Butylbenzene	13.396	105	1266966	52.798	ug/l	100
86) p-Isopropyltoluene	13.508	119	1119362	53.348	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	554811	49.663	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	538666	48.379	ug/l	98
89) n-Butylbenzene	13.837	91	1031601	52.549	ug/l	100
90) Hexachloroethane	14.102	117	193342	48.507	ug/l	100
91) 1,2-Dichlorobenzene	13.884	146	474523	49.293	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	32018	46.970	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	292014	50.558	ug/l	100
94) Hexachlorobutadiene	15.255	225	185662	51.199	ug/l	98
95) Naphthalene	15.390	128	511831	45.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	256665	50.489	ug/l	98

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

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