

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069359.D
 Acq On : 07 Jun 2021 10:47
 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
 6/8/2021 2:58:24 PM

Quant Time: Jun 08 05:37:24 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	424011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	657417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	624502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	324326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	174037	42.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.560%		
35) Dibromofluoromethane	7.914	113	189559	45.916	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.840%		
50) Toluene-d8	10.338	98	683942	45.558	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.120%		
62) 4-Bromofluorobenzene	12.626	95	233008	47.367	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	188455	42.224	ug/l	96
3) Chloromethane	2.209	50	166419	49.391	ug/l	96
4) Vinyl Chloride	2.350	62	174007	50.693	ug/l	100
5) Bromomethane	2.767	94	122216	48.803	ug/l	91
6) Chloroethane	2.920	64	101340	51.738	ug/l	96
7) Trichlorofluoromethane	3.273	101	361632	45.294	ug/l	98
8) Diethyl Ether	3.709	74	91453	46.623	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	216086	45.960	ug/l	99
10) Methyl Iodide	4.297	142	185762	39.262	ug/l	98
11) Tert butyl alcohol	5.220	59	55521	219.394	ug/l	100
12) 1,1-Dichloroethene	4.067	96	195976	46.082	ug/l	97
13) Acrolein	3.926	56	82294	299.352	ug/l	93
14) Allyl chloride	4.714	41	229182	44.664	ug/l	99
15) Acrylonitrile	5.420	53	183526	240.004	ug/l	99
16) Acetone	4.156	43	192441	271.051	ug/l	98
17) Carbon Disulfide	4.409	76	626256	44.531	ug/l	99
18) Methyl Acetate	4.714	43	85610	44.558	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	371931	47.619	ug/l	96
20) Methylene Chloride	4.967	84	250876	48.020	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	231921	46.045	ug/l	97
22) Diisopropyl ether	6.361	45	485555	49.269	ug/l	92
23) Vinyl Acetate	6.303	43	1429791	228.123	ug/l	100
24) 1,1-Dichloroethane	6.267	63	382559	46.389	ug/l	99
25) 2-Butanone	7.208	43	235341	251.906	ug/l	93
26) 2,2-Dichloropropane	7.208	77	347041	45.668	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	254664	47.735	ug/l	98
28) Bromochloromethane	7.544	49	136732	47.820	ug/l	97
29) Tetrahydrofuran	7.561	42	128980	240.198	ug/l	98
30) Chloroform	7.708	83	425555	47.202	ug/l	96
31) Cyclohexane	7.985	56	281831	43.596	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	380164	46.725	ug/l	100
36) 1,1-Dichloropropene	8.108	75	321896	50.374	ug/l	100
37) Ethyl Acetate	7.285	43	105495	48.621	ug/l	97
38) Carbon Tetrachloride	8.091	117	342503	49.643	ug/l	89
39) Methylcyclohexane	9.355	83	331890	50.772	ug/l	98
40) Benzene	8.350	78	912777	49.183	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	61580	58.457	ug/l #	82
42) 1,2-Dichloroethane	8.426	62	250320	50.541	ug/l	100
43) Isopropyl Acetate	8.450	43	197705	50.067	ug/l	99
44) Trichloroethene	9.108	130	254044	50.381	ug/l	92
45) 1,2-Dichloropropane	9.385	63	223441	50.567	ug/l	99
46) Dibromomethane	9.473	93	125095	49.531	ug/l	91
47) Bromodichloromethane	9.661	83	329418	50.582	ug/l	94
48) Methyl methacrylate	9.455	41	94752	51.684	ug/l	94
49) 1,4-Dioxane	9.455	88	26607	1072.474	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	528603	259.175	ug/l	100
52) Toluene	10.402	92	607693	51.877	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	284329	48.885	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	336695	48.554	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	177004	50.524	ug/l	96
56) Ethyl methacrylate	10.661	69	189311	47.520	ug/l	98
57) 1,3-Dichloropropane	10.944	76	292130	51.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	464268	283.018	ug/l	99
59) 2-Hexanone	10.985	43	379412	278.288	ug/l	99
60) Dibromochloromethane	11.138	129	225411	51.064	ug/l	98
61) 1,2-Dibromoethane	11.244	107	168921	50.549	ug/l	100
64) Tetrachloroethene	10.873	164	221762	51.016	ug/l	97
65) Chlorobenzene	11.667	112	638238	50.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	241877	50.585	ug/l	99
67) Ethyl Benzene	11.743	91	1129084	51.496	ug/l	98
68) m/p-Xylenes	11.849	106	896141	104.305	ug/l	100
69) o-Xylene	12.179	106	404132	53.185	ug/l	98
70) Styrene	12.191	104	719463	54.543	ug/l	99
71) Bromoform	12.355	173	128095	51.650	ug/l #	97
73) Isopropylbenzene	12.473	105	1086959	48.970	ug/l	99
74) N-amyl acetate	12.285	43	187478	47.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	192414	46.436	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	123215m	43.727	ug/l	
77) Bromobenzene	12.755	156	253886	47.496	ug/l	99
78) n-propylbenzene	12.814	91	1350796	49.621	ug/l	99
79) 2-Chlorotoluene	12.902	91	735023	47.499	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	934414	49.707	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	56155	44.161	ug/l	93
82) 4-Chlorotoluene	13.002	91	798026	49.019	ug/l	99
83) tert-Butylbenzene	13.220	119	779624	49.522	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	937129	50.126	ug/l	99
85) sec-Butylbenzene	13.396	105	1165522	50.159	ug/l	100
86) p-Isopropyltoluene	13.508	119	1029420	50.667	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	516747	47.769	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	513251	47.604	ug/l	98
89) n-Butylbenzene	13.838	91	951565	50.058	ug/l	100
90) Hexachloroethane	14.102	117	184863	47.897	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	448792	48.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	29417	44.566	ug/l	100
93) 1,2,4-Trichlorobenzene	15.155	180	273828	48.960	ug/l	99
94) Hexachlorobutadiene	15.255	225	175354	49.938	ug/l	97
95) Naphthalene	15.390	128	473209	43.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	243244	49.415	ug/l	100

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

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