

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
 Data File : VD069495.D
 Acq On : 21 Jun 2021 11:41
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Jun 22 04:05:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:03:00 2021
 Response via : Initial Calibration

6/22/2021 6:12:08 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	607983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1023993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	958582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	448016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	353545	47.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.914	113	337948	48.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.338	98	1282954	49.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.626	95	431168	50.956	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	279773	48.367	ug/l	100
3) Chloromethane	2.209	50	418194	49.617	ug/l	100
4) Vinyl Chloride	2.350	62	481636	50.705	ug/l	100
5) Bromomethane	2.768	94	294448	47.819	ug/l	100
6) Chloroethane	2.921	64	319604	50.826	ug/l	100
7) Trichlorofluoromethane	3.273	101	568575	50.365	ug/l	100
8) Diethyl Ether	3.709	74	154310	51.881	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	335365	48.846	ug/l	100
10) Methyl Iodide	4.297	142	316851	58.788	ug/l	100
11) Tert butyl alcohol	5.215	59	96067	185.402	ug/l	100
12) 1,1-Dichloroethene	4.068	96	307454	50.507	ug/l	100
13) Acrolein	3.921	56	117167	282.671	ug/l	100
14) Allyl chloride	4.715	41	440549	52.834	ug/l	100
15) Acrylonitrile	5.426	53	320081	256.497	ug/l	100
16) Acetone	4.156	43	325648	254.524	ug/l	100
17) Carbon Disulfide	4.409	76	1027972	51.676	ug/l	100
18) Methyl Acetate	4.720	43	153001	43.504	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	623928	53.756	ug/l	100
20) Methylene Chloride	4.962	84	406205	39.284	ug/l	100
21) trans-1,2-Dichloroethene	5.473	96	376653	52.476	ug/l	100
22) Diisopropyl ether	6.362	45	915381	54.270	ug/l	100
23) Vinyl Acetate	6.309	43	2681547	291.252	ug/l	100
24) 1,1-Dichloroethane	6.262	63	674730	50.500	ug/l	100
25) 2-Butanone	7.214	43	423375	266.551	ug/l	100
26) 2,2-Dichloropropane	7.209	77	550241	50.605	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	405752	51.783	ug/l	100
28) Bromochloromethane	7.544	49	263833	50.028	ug/l	100
29) Tetrahydrofuran	7.561	42	238906	273.202	ug/l	100
30) Chloroform	7.709	83	697504	49.571	ug/l	100
31) Cyclohexane	7.985	56	507769	50.050	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	589751	50.484	ug/l	100
36) 1,1-Dichloropropene	8.109	75	536505	53.288	ug/l	100
37) Ethyl Acetate	7.291	43	199778	54.619	ug/l	100
38) Carbon Tetrachloride	8.097	117	517687	51.966	ug/l	100
39) Methylcyclohexane	9.350	83	552064	55.010	ug/l	100
40) Benzene	8.350	78	1506760	52.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	98395	47.780	ug/l	100
42) 1,2-Dichloroethane	8.420	62	432326	52.014	ug/l	100
43) Isopropyl Acetate	8.450	43	358884	53.618	ug/l	100
44) Trichloroethene	9.108	130	380776	52.319	ug/l	100
45) 1,2-Dichloropropane	9.385	63	387926	52.573	ug/l	100
46) Dibromomethane	9.473	93	200693	51.607	ug/l	100
47) Bromodichloromethane	9.661	83	534672	51.306	ug/l	100
48) Methyl methacrylate	9.456	41	171454	53.715	ug/l	100
49) 1,4-Dioxane	9.461	88	41531	1094.710	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	972351	275.229	ug/l	100
52) Toluene	10.403	92	955607	53.806	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	476503	53.261	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	561956	52.112	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	278911	51.553	ug/l	100
56) Ethyl methacrylate	10.655	69	324339	56.442	ug/l	100
57) 1,3-Dichloropropane	10.944	76	480726	52.965	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	851529	277.078	ug/l	100
59) 2-Hexanone	10.979	43	672597	283.356	ug/l	100
60) Dibromochloromethane	11.138	129	336484	52.585	ug/l	100
61) 1,2-Dibromoethane	11.244	107	267607	52.667	ug/l	100
64) Tetrachloroethene	10.873	164	309385	50.935	ug/l	100
65) Chlorobenzene	11.667	112	977743	51.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	355091	51.638	ug/l	100
67) Ethyl Benzene	11.738	91	1808780	54.646	ug/l	100
68) m/p-Xylenes	11.850	106	1385599	110.640	ug/l	100
69) o-Xylene	12.173	106	630843	56.433	ug/l	100
70) Styrene	12.191	104	1108749	56.115	ug/l	100
71) Bromoform	12.355	173	181938	52.165	ug/l	100
73) Isopropylbenzene	12.473	105	1704847	55.662	ug/l	100
74) N-amyl acetate	12.279	43	340491	55.185	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.726	83	317378	51.719	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	230845m	58.358	ug/l	
77) Bromobenzene	12.755	156	372170	52.960	ug/l	100
78) n-propylbenzene	12.814	91	2147531	55.718	ug/l	100
79) 2-Chlorotoluene	12.902	91	1191872	54.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	1457189	56.455	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	91311	53.435	ug/l	100
82) 4-Chlorotoluene	12.996	91	1273238	53.751	ug/l	100
83) tert-Butylbenzene	13.214	119	1215181	57.407	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1443672	56.289	ug/l	100
85) sec-Butylbenzene	13.391	105	1808624	55.660	ug/l	100
86) p-Isopropyltoluene	13.508	119	1557209	57.215	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	751962	52.650	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	739884	51.915	ug/l	100
89) n-Butylbenzene	13.832	91	1518648	55.720	ug/l	100
90) Hexachloroethane	14.102	117	274419	51.575	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	647791	52.224	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	45174	48.875	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	379785	55.359	ug/l	100
94) Hexachlorobutadiene	15.255	225	229574	53.033	ug/l	100
95) Naphthalene	15.390	128	696097	56.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	334646	55.100	ug/l	100

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

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