

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070567.D
 Acq On : 05 Oct 2021 12:27
 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

Reviewed By :Vimala Arumugam 10/07/2021
 Supervised By :Mahesh Dadoda 10/07/2021

Quant Time: Oct 06 08:35:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 08:30:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	376123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	664183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	629389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	211656	47.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.64%		
35) Dibromofluoromethane	7.914	113	214625	48.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.20%		
50) Toluene-d8	10.338	98	851163	50.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.84%		
62) 4-Bromofluorobenzene	12.626	95	281348	49.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	227022	49.49	ug/l	100
3) Chloromethane	2.209	50	273167	47.96	ug/l	100
4) Vinyl Chloride	2.350	62	315124	49.93	ug/l	100
5) Bromomethane	2.768	94	195439	45.41	ug/l	100
6) Chloroethane	2.921	64	201605	50.02	ug/l	100
7) Trichlorofluoromethane	3.273	101	406178	49.65	ug/l	100
8) Diethyl Ether	3.709	74	115055	54.06	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	241374	48.69	ug/l	100
10) Methyl Iodide	4.303	142	273470	59.40	ug/l	100
11) Tert butyl alcohol	5.220	59	56197	255.77	ug/l	100
12) 1,1-Dichloroethene	4.068	96	224245	50.81	ug/l	100
13) Acrolein	3.920	56	55657	264.37	ug/l	100
14) Allyl chloride	4.715	41	325669	53.01	ug/l	100
15) Acrylonitrile	5.420	53	250977	271.81	ug/l	100
16) Acetone	4.156	43	209933	279.29	ug/l	100
17) Carbon Disulfide	4.409	76	810159	50.28	ug/l	100
18) Methyl Acetate	4.715	43	152910	52.72	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	498306	56.67	ug/l	100
20) Methylene Chloride	4.962	84	294953	42.05	ug/l	100
21) trans-1,2-Dichloroethene	5.473	96	270046	52.02	ug/l	100
22) Diisopropyl ether	6.362	45	717782	56.87	ug/l	100
23) Vinyl Acetate	6.303	43	1668808	298.99	ug/l	100
24) 1,1-Dichloroethane	6.262	63	472617	50.84	ug/l	100
25) 2-Butanone	7.209	43	274292	278.71	ug/l	100
26) 2,2-Dichloropropane	7.209	77	384178	49.94	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	288628	52.91	ug/l	100
28) Bromochloromethane	7.550	49	167044	51.61	ug/l	100
29) Tetrahydrofuran	7.561	42	179758	283.38	ug/l	100
30) Chloroform	7.708	83	485858	50.24	ug/l	100
31) Cyclohexane	7.985	56	420716	51.33	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	419720	50.39	ug/l	100
36) 1,1-Dichloropropene	8.108	75	377462	53.51	ug/l	100
37) Ethyl Acetate	7.291	43	129730	55.36	ug/l	100
38) Carbon Tetrachloride	8.097	117	373934	50.65	ug/l	100
39) Methylcyclohexane	9.350	83	449771	55.45	ug/l	100
40) Benzene	8.350	78	1088422	52.35	ug/l	100

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41) Methacrylonitrile	7.526	41	65294	54.02	ug/l	100
42) 1,2-Dichloroethane	8.420	62	282791	52.59	ug/l	100
43) Isopropyl Acetate	8.450	43	238987	55.65	ug/l	100
44) Trichloroethene	9.108	130	263058	51.31	ug/l	100
45) 1,2-Dichloropropane	9.385	63	281669	53.09	ug/l	100
46) Dibromomethane	9.467	93	143672	52.76	ug/l	100
47) Bromodichloromethane	9.655	83	364704	51.90	ug/l	100
48) Methyl methacrylate	9.450	41	117044	58.14	ug/l	100
49) 1,4-Dioxane	9.455	88	30402	1098.64	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	643629	290.51	ug/l	100
52) Toluene	10.397	92	696829	54.56	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	329877	53.63	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	398240	53.78	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	194484	52.42	ug/l	100
56) Ethyl methacrylate	10.655	69	236169	59.60	ug/l	100
57) 1,3-Dichloropropane	10.944	76	345238	54.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	499307	279.33	ug/l	100
59) 2-Hexanone	10.979	43	446520	297.78	ug/l	100
60) Dibromochloromethane	11.132	129	234709	52.52	ug/l	100
61) 1,2-Dibromoethane	11.238	107	182741	52.90	ug/l	100
64) Tetrachloroethene	10.873	164	206443	51.15	ug/l	100
65) Chlorobenzene	11.661	112	695304	51.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	256247	51.32	ug/l	100
67) Ethyl Benzene	11.738	91	1271272	54.89	ug/l	100
68) m/p-Xylenes	11.849	106	1001639	109.82	ug/l	100
69) o-Xylene	12.173	106	454516	56.03	ug/l	100
70) Styrene	12.185	104	805663	56.37	ug/l	100
71) Bromoform	12.349	173	123511	52.69	ug/l #	100
73) Isopropylbenzene	12.473	105	1197332	55.48	ug/l	100
74) N-amyl acetate	12.279	43	229979	56.55	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	219143	51.94	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	139024m	78.90	ug/l	
77) Bromobenzene	12.749	156	255461	52.95	ug/l	100
78) n-propylbenzene	12.808	91	1508624	55.24	ug/l	100
79) 2-Chlorotoluene	12.896	91	862753	53.85	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1030853	56.01	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	67096	55.60	ug/l	100
82) 4-Chlorotoluene	12.996	91	899779	53.72	ug/l	100
83) tert-Butylbenzene	13.214	119	836187	54.97	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1032425	56.38	ug/l	100
85) sec-Butylbenzene	13.391	105	1310284	55.57	ug/l	100
86) p-Isopropyltoluene	13.502	119	1081896	56.17	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	531535	52.46	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	518139	51.58	ug/l	100
89) n-Butylbenzene	13.832	91	1025599	55.78	ug/l	100
90) Hexachloroethane	14.096	117	210473	50.54	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	454706	52.63	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	31510	51.73	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	252879	54.37	ug/l	100
94) Hexachlorobutadiene	15.255	225	153817	52.34	ug/l	100
95) Naphthalene	15.385	128	481321	57.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	225975	55.16	ug/l	100

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

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