

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071047.D
 Acq On : 16 Nov 2021 17:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 03:25:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	240740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	416252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	376003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	168484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	128881	50.282	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.560%			
35) Dibromofluoromethane	7.914	113	123957	52.774	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.540%			
50) Toluene-d8	10.338	98	454242	49.382	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.760%			
62) 4-Bromofluorobenzene	12.626	95	159633	48.198	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	93588	45.501	ug/l	95
3) Chloromethane	2.209	50	133352	54.485	ug/l	99
4) Vinyl Chloride	2.350	62	144968	61.588	ug/l	100
5) Bromomethane	2.773	94	97766	60.937	ug/l	100
6) Chloroethane	2.920	64	99272	65.666	ug/l	88
7) Trichlorofluoromethane	3.279	101	202569	53.474	ug/l	97
8) Diethyl Ether	3.715	74	61296	48.892	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.103	101	119162	51.030	ug/l	96
10) Methyl Iodide	4.303	142	126060	45.732	ug/l	98
11) Tert butyl alcohol	5.214	59	59448	317.353	ug/l #	89
12) 1,1-Dichloroethene	4.067	96	113359	49.588	ug/l	86
13) Acrolein	3.926	56	13021	226.934	ug/l	100
14) Allyl chloride	4.714	41	234577	49.265	ug/l #	84
15) Acrylonitrile	5.420	53	150995	251.696	ug/l	96
16) Acetone	4.156	43	150716	220.291	ug/l	91
17) Carbon Disulfide	4.415	76	333361	45.162	ug/l	98
18) Methyl Acetate	4.720	43	109180	49.650	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	305317	51.736	ug/l	100
20) Methylene Chloride	4.967	84	148173	50.851	ug/l #	86
21) trans-1,2-Dichloroethene	5.473	96	131119	50.041	ug/l	89
22) Diisopropyl ether	6.361	45	481226	50.836	ug/l	93
23) Vinyl Acetate	6.309	43	1164233	232.065	ug/l	98
24) 1,1-Dichloroethane	6.267	63	265048	52.422	ug/l	99
25) 2-Butanone	7.208	43	198642	224.340	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	214349	50.232	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	153079	51.108	ug/l	92
28) Bromochloromethane	7.550	49	113069	52.725	ug/l	88
29) Tetrahydrofuran	7.561	42	125701	241.365	ug/l	93
30) Chloroform	7.708	83	260863	54.267	ug/l	99
31) Cyclohexane	7.985	56	234979	44.578	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	223446	54.121	ug/l	95
36) 1,1-Dichloropropene	8.114	75	197038	53.017	ug/l	97
37) Ethyl Acetate	7.291	43	91045	53.695	ug/l #	93
38) Carbon Tetrachloride	8.097	117	184415	53.883	ug/l	96
39) Methylcyclohexane	9.355	83	239025	49.798	ug/l	99
40) Benzene	8.350	78	554035	52.934	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	58537	48.219	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	169911	57.314	ug/l	94
43) Isopropyl Acetate	8.450	43	182333	50.811	ug/l	91
44) Trichloroethene	9.114	130	141411	52.418	ug/l	97
45) 1,2-Dichloropropane	9.385	63	145575	51.430	ug/l	100
46) Dibromomethane	9.467	93	73217	54.344	ug/l	95
47) Bromodichloromethane	9.661	83	197803	55.506	ug/l	98
48) Methyl methacrylate	9.450	41	90353	51.326	ug/l #	83
49) 1,4-Dioxane	9.461	88	16316	1045.209	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	454809	261.422	ug/l	91
52) Toluene	10.402	92	349210	52.929	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	186662	51.943	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	218991	51.678	ug/l #	78
55) 1,1,2-Trichloroethane	10.797	97	97745	52.786	ug/l	92
56) Ethyl methacrylate	10.655	69	133684	51.025	ug/l #	75
57) 1,3-Dichloropropane	10.944	76	179791	53.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	303768	223.021	ug/l	99
59) 2-Hexanone	10.979	43	310922	229.909	ug/l	90
60) Dibromochloromethane	11.132	129	124522	56.055	ug/l	98
61) 1,2-Dibromoethane	11.238	107	95070	52.781	ug/l	97
64) Tetrachloroethene	10.873	164	116759	53.253	ug/l	95
65) Chlorobenzene	11.667	112	360402	53.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	130238	54.695	ug/l	99
67) Ethyl Benzene	11.738	91	675643	53.180	ug/l	99
68) m/p-Xylenes	11.849	106	511812	107.787	ug/l	97
69) o-Xylene	12.173	106	240887	53.334	ug/l	95
70) Styrene	12.185	104	411570	53.818	ug/l	97
71) Bromoform	12.349	173	66289	53.384	ug/l #	100
73) Isopropylbenzene	12.473	105	645652	53.193	ug/l	100
74) N-amyl acetate	12.279	43	171897	49.571	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	107194	51.309	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	105260m	73.138	ug/l	
77) Bromobenzene	12.749	156	142072	54.782	ug/l	99
78) n-propylbenzene	12.814	91	798988	53.125	ug/l	99
79) 2-Chlorotoluene	12.896	91	446081	52.018	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	534375	53.471	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	31826	43.095	ug/l #	77
82) 4-Chlorotoluene	12.996	91	458898	51.851	ug/l	100
83) tert-Butylbenzene	13.214	119	454462	52.790	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	518394	52.966	ug/l	98
85) sec-Butylbenzene	13.390	105	695513	53.739	ug/l	99
86) p-Isopropyltoluene	13.508	119	570729	54.917	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	274826	54.199	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	270793	53.338	ug/l	97
89) n-Butylbenzene	13.832	91	563387	53.942	ug/l	99
90) Hexachloroethane	14.096	117	105002	51.057	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	235599	53.622	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17301	50.493	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	150187	53.426	ug/l	99
94) Hexachlorobutadiene	15.249	225	83179	58.670	ug/l	98
95) Naphthalene	15.385	128	277775	51.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	127878	54.102	ug/l	98

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

