

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070901.D
 Acq On : 03 Nov 2021 10:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 03 22:06:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	415176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	627675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	617608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	298191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187449	44.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.780%		
35) Dibromofluoromethane	7.914	113	205902	49.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.500%		
50) Toluene-d8	10.332	98	803843	51.628	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.260%		
62) 4-Bromofluorobenzene	12.626	95	262049	51.010	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	188491	48.954	ug/l	95
3) Chloromethane	2.209	50	265436	48.708	ug/l	97
4) Vinyl Chloride	2.350	62	301461	50.006	ug/l	99
5) Bromomethane	2.774	94	177441	46.479	ug/l	98
6) Chloroethane	2.926	64	147429	39.583	ug/l	90
7) Trichlorofluoromethane	3.279	101	352027	47.411	ug/l	97
8) Diethyl Ether	3.715	74	101337	49.261	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	246508	51.510	ug/l	99
10) Methyl Iodide	4.303	142	235319	47.015	ug/l	98
11) Tert butyl alcohol	5.220	59	45551	205.258	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	221325	52.832	ug/l	92
13) Acrolein	3.926	56	28169	141.547	ug/l	99
14) Allyl chloride	4.715	41	351317	53.534	ug/l	99
15) Acrylonitrile	5.426	53	247895	251.575	ug/l	98
16) Acetone	4.156	43	273837	281.879	ug/l	100
17) Carbon Disulfide	4.409	76	806473	54.457	ug/l	98
18) Methyl Acetate	4.715	43	153154	45.987	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	453453	52.036	ug/l	98
20) Methylene Chloride	4.962	84	283946	53.466	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	270059	54.401	ug/l	94
22) Diisopropyl ether	6.362	45	768432	56.466	ug/l	100
23) Vinyl Acetate	6.309	43	1728836	251.423	ug/l	98
24) 1,1-Dichloroethane	6.262	63	476993	52.004	ug/l	98
25) 2-Butanone	7.209	43	308659	258.141	ug/l	98
26) 2,2-Dichloropropane	7.209	77	396423	54.170	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	289805	54.475	ug/l	98
28) Bromochloromethane	7.544	49	184244	51.225	ug/l	99
29) Tetrahydrofuran	7.562	42	186074	257.587	ug/l	99
30) Chloroform	7.703	83	487921	53.000	ug/l	98
31) Cyclohexane	7.985	56	448301	52.689	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	417553	53.107	ug/l	100
36) 1,1-Dichloropropene	8.109	75	382917	58.307	ug/l	99
37) Ethyl Acetate	7.285	43	131271	53.762	ug/l #	94
38) Carbon Tetrachloride	8.097	117	374982	56.782	ug/l	98
39) Methylcyclohexane	9.356	83	451538	59.752	ug/l	97
40) Benzene	8.350	78	1098908	57.555	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	78136	60.494	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	262125	53.922	ug/l	99
43) Isopropyl Acetate	8.450	43	239563	52.781	ug/l	97
44) Trichloroethene	9.109	130	275297	55.808	ug/l	97
45) 1,2-Dichloropropane	9.385	63	280020	55.318	ug/l	98
46) Dibromomethane	9.467	93	136288	54.917	ug/l	99
47) Bromodichloromethane	9.656	83	354631	55.277	ug/l	99
48) Methyl methacrylate	9.450	41	121711	56.124	ug/l	98
49) 1,4-Dioxane	9.456	88	28934	1092.375	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	656760	275.949	ug/l	99
52) Toluene	10.397	92	695465	60.609	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	315796	56.480	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	388940	56.339	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	190964	54.256	ug/l	96
56) Ethyl methacrylate	10.656	69	213458	49.527	ug/l	98
57) 1,3-Dichloropropane	10.938	76	309371	52.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	393629	235.246	ug/l	98
59) 2-Hexanone	10.979	43	453446	266.889	ug/l	95
60) Dibromochloromethane	11.132	129	232012	54.938	ug/l	99
61) 1,2-Dibromoethane	11.238	107	180714	55.624	ug/l	99
64) Tetrachloroethene	10.867	164	254310	60.016	ug/l	96
65) Chlorobenzene	11.661	112	706284	55.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	265967	56.582	ug/l	100
67) Ethyl Benzene	11.738	91	1295217	58.700	ug/l	98
68) m/p-Xylenes	11.844	106	1021553	118.903	ug/l	100
69) o-Xylene	12.173	106	450536	57.899	ug/l	99
70) Styrene	12.185	104	799342	59.313	ug/l	100
71) Bromoform	12.350	173	130175	52.406	ug/l #	99
73) Isopropylbenzene	12.473	105	1204717	60.571	ug/l	99
74) N-amyl acetate	12.279	43	232021	53.042	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	211333	52.070	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	164989m	56.206	ug/l	
77) Bromobenzene	12.749	156	267167	55.130	ug/l	99
78) n-propylbenzene	12.808	91	1555058	60.913	ug/l	100
79) 2-Chlorotoluene	12.897	91	867077	58.495	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	1026632	60.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	63007	56.336	ug/l	98
82) 4-Chlorotoluene	12.997	91	895575	58.136	ug/l	98
83) tert-Butylbenzene	13.214	119	847301	60.196	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1026384	61.670	ug/l	99
85) sec-Butylbenzene	13.391	105	1330239	59.919	ug/l	99
86) p-Isopropyltoluene	13.502	119	1095228	61.321	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	567612	56.721	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	550310	55.449	ug/l	99
89) n-Butylbenzene	13.832	91	1055580	60.319	ug/l	99
90) Hexachloroethane	14.096	117	213485	53.264	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	478340	56.017	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	29234	49.440	ug/l	98
93) 1,2,4-Trichlorobenzene	15.144	180	273967	55.525	ug/l	100
94) Hexachlorobutadiene	15.249	225	186042	57.228	ug/l	99
95) Naphthalene	15.385	128	451684	48.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	231738	54.048	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

