

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070942.D
 Acq On : 08 Nov 2021 18:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 09 02:34:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/09/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	381683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	699508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	640564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	282185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231688	49.424	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.840%		
35) Dibromofluoromethane	7.908	113	217310	49.590	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.180%		
50) Toluene-d8	10.332	98	827215	48.561	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.120%		
62) 4-Bromofluorobenzene	12.620	95	303280	47.162	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	171709	41.914	ug/l	97
3) Chloromethane	2.209	50	204884	50.460	ug/l	100
4) Vinyl Chloride	2.344	62	204184	51.958	ug/l	99
5) Bromomethane	2.762	94	133035	55.428	ug/l	99
6) Chloroethane	2.915	64	133911	54.514	ug/l	90
7) Trichlorofluoromethane	3.273	101	337445	46.661	ug/l	98
8) Diethyl Ether	3.709	74	126047	61.761	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	211625	51.270	ug/l	96
10) Methyl Iodide	4.297	142	238451	48.712	ug/l	98
11) Tert butyl alcohol	5.220	59	90136	296.871	ug/l	98
12) 1,1-Dichloroethene	4.067	96	207976	52.204	ug/l	90
13) Acrolein	3.920	56	26295	289.774	ug/l	94
14) Allyl chloride	4.709	41	455597	54.405	ug/l #	87
15) Acrylonitrile	5.414	53	307856	340.060	ug/l	98
16) Acetone	4.156	43	293999	288.464	ug/l	90
17) Carbon Disulfide	4.409	76	685368	53.341	ug/l	96
18) Methyl Acetate	4.715	43	248365	72.177	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	591208	59.676	ug/l	99
20) Methylene Chloride	4.962	84	286129	59.198	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	246146	54.564	ug/l	88
22) Diisopropyl ether	6.361	45	936959	61.228	ug/l	96
23) Vinyl Acetate	6.303	43	2285397	318.418	ug/l	97
24) 1,1-Dichloroethane	6.261	63	478662	54.963	ug/l	99
25) 2-Butanone	7.208	43	419929	323.250	ug/l	89
26) 2,2-Dichloropropane	7.203	77	380989	47.457	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	286879	56.958	ug/l	95
28) Bromochloromethane	7.544	49	202270	58.063	ug/l	87
29) Tetrahydrofuran	7.556	42	268139	338.319	ug/l	93
30) Chloroform	7.708	83	464962	55.053	ug/l	97
31) Cyclohexane	7.979	56	450331	49.111	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	381619	48.917	ug/l	95
36) 1,1-Dichloropropene	8.108	75	355257	49.708	ug/l	97
37) Ethyl Acetate	7.285	43	181225	62.086	ug/l #	93
38) Carbon Tetrachloride	8.091	117	320836	46.238	ug/l	98
39) Methylcyclohexane	9.350	83	445765	48.583	ug/l	97
40) Benzene	8.344	78	1024201	54.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	126416	65.878	ug/l #	70
42) 1,2-Dichloroethane	8.420	62	297716	51.009	ug/l	98
43) Isopropyl Acetate	8.450	43	377826	60.452	ug/l #	89
44) Trichloroethene	9.108	130	259228	50.865	ug/l	97
45) 1,2-Dichloropropane	9.379	63	277684	55.821	ug/l	100
46) Dibromomethane	9.467	93	137669	55.982	ug/l	95
47) Bromodichloromethane	9.655	83	356889	53.089	ug/l	98
48) Methyl methacrylate	9.450	41	189138	58.620	ug/l #	81
49) 1,4-Dioxane	9.455	88	34196	1250.806	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	933619	317.575	ug/l	92
52) Toluene	10.397	92	638148	52.662	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	358291	53.465	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	418323	53.597	ug/l #	82
55) 1,1,2-Trichloroethane	10.791	97	189902	58.942	ug/l	95
56) Ethyl methacrylate	10.655	69	276256	58.585	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	344833	57.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	690256	305.578	ug/l	100
59) 2-Hexanone	10.979	43	658116	301.373	ug/l	90
60) Dibromochloromethane	11.132	129	226012	54.965	ug/l	100
61) 1,2-Dibromoethane	11.238	107	183992	57.329	ug/l	99
64) Tetrachloroethene	10.873	164	210429	49.396	ug/l	98
65) Chlorobenzene	11.661	112	658404	52.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	237574	51.302	ug/l	99
67) Ethyl Benzene	11.738	91	1223789	50.130	ug/l	100
68) m/p-Xylenes	11.844	106	926748	102.632	ug/l	96
69) o-Xylene	12.173	106	447373	51.731	ug/l	96
70) Styrene	12.185	104	760516	53.198	ug/l	97
71) Bromoform	12.349	173	125609	54.747	ug/l #	99
73) Isopropylbenzene	12.467	105	1141427	49.260	ug/l	99
74) N-amyl acetate	12.279	43	359138	59.075	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	213999	60.514	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	138420m	48.684	ug/l	
77) Bromobenzene	12.749	156	248407	51.951	ug/l	90
78) n-propylbenzene	12.808	91	1420385	50.188	ug/l	100
79) 2-Chlorotoluene	12.896	91	831215	51.135	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	955573	49.708	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	69394	57.910	ug/l #	83
82) 4-Chlorotoluene	12.996	91	846704	50.406	ug/l	99
83) tert-Butylbenzene	13.214	119	810703	48.949	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	944512	50.527	ug/l	98
85) sec-Butylbenzene	13.391	105	1213562	49.368	ug/l	99
86) p-Isopropyltoluene	13.502	119	989011	49.165	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	484641	51.850	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	486634	52.559	ug/l	98
89) n-Butylbenzene	13.826	91	977735	49.222	ug/l	99
90) Hexachloroethane	14.096	117	198166	50.107	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	430760	53.620	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34920	53.250	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	268966	51.938	ug/l	99
94) Hexachlorobutadiene	15.249	225	137795	49.167	ug/l	99
95) Naphthalene	15.379	128	560782	58.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	235420	54.167	ug/l	97

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

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