

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070981.D
 Acq On : 11 Nov 2021 10:07
 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 12 07:56:41 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 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	315229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	540554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	485157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	217260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165279	49.245	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.480%		
35) Dibromofluoromethane	7.914	113	153410	50.294	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.580%		
50) Toluene-d8	10.332	98	584743	48.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.620	95	205678	47.820	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	139975	51.973	ug/l	94
3) Chloromethane	2.209	50	175608	54.795	ug/l	98
4) Vinyl Chloride	2.350	62	192470	62.447	ug/l	99
5) Bromomethane	2.768	94	127306	60.599	ug/l	99
6) Chloroethane	2.920	64	126335	63.820	ug/l	94
7) Trichlorofluoromethane	3.273	101	281379	56.726	ug/l	97
8) Diethyl Ether	3.709	74	84726	51.611	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	171250	56.007	ug/l	96
10) Methyl Iodide	4.303	142	174312	47.956	ug/l	98
11) Tert butyl alcohol	5.214	59	58201	237.278	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	158131	52.827	ug/l	88
13) Acrolein	3.926	56	15202	201.745	ug/l	100
14) Allyl chloride	4.715	41	325943	52.277	ug/l #	83
15) Acrylonitrile	5.420	53	207947	264.721	ug/l	95
16) Acetone	4.150	43	259280	283.208	ug/l	92
17) Carbon Disulfide	4.409	76	489066	50.600	ug/l	96
18) Methyl Acetate	4.715	43	156507	54.354	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	410435	53.114	ug/l	99
20) Methylene Chloride	4.967	84	190313	49.872	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	177431	51.715	ug/l	86
22) Diisopropyl ether	6.367	45	647330	52.224	ug/l	96
23) Vinyl Acetate	6.303	43	1621170	245.455	ug/l	97
24) 1,1-Dichloroethane	6.261	63	350540	52.948	ug/l	98
25) 2-Butanone	7.208	43	305150	259.663	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	313548	56.116	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	206556	52.667	ug/l	93
28) Bromochloromethane	7.544	49	147780	52.627	ug/l	85
29) Tetrahydrofuran	7.561	42	180115	264.124	ug/l	91
30) Chloroform	7.708	83	338556	53.786	ug/l	98
31) Cyclohexane	7.985	56	336696	48.781	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	300169	55.525	ug/l	94
36) 1,1-Dichloropropene	8.108	75	272067	56.372	ug/l	97
37) Ethyl Acetate	7.291	43	124208	56.408	ug/l #	92
38) Carbon Tetrachloride	8.097	117	257345	57.901	ug/l	98
39) Methylcyclohexane	9.350	83	337089	54.079	ug/l	99
40) Benzene	8.350	78	739679	54.420	ug/l	99

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41) Methacrylonitrile	7.520	41	70844	45.096	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	216772	56.307	ug/l	95
43) Isopropyl Acetate	8.450	43	253759	54.454	ug/l #	89
44) Trichloroethene	9.108	130	191281	54.599	ug/l	97
45) 1,2-Dichloropropane	9.385	63	195217	53.108	ug/l	99
46) Dibromomethane	9.473	93	98662	56.391	ug/l	95
47) Bromodichloromethane	9.655	83	258679	55.897	ug/l	99
48) Methyl methacrylate	9.450	41	126401	55.292	ug/l #	81
49) 1,4-Dioxane	9.455	88	22436	1106.757	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	644815	285.408	ug/l	91
52) Toluene	10.397	92	463509	54.099	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	252103	54.021	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	290303	52.753	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	135053	56.163	ug/l	97
56) Ethyl methacrylate	10.655	69	184223	54.146	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	242456	55.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	468635	264.945	ug/l	100
59) 2-Hexanone	10.979	43	476405	268.401	ug/l	91
60) Dibromochloromethane	11.132	129	162893	56.466	ug/l	98
61) 1,2-Dibromoethane	11.238	107	128280	54.841	ug/l	99
64) Tetrachloroethene	10.873	164	153229	54.163	ug/l	98
65) Chlorobenzene	11.667	112	476596	55.058	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	171388	55.783	ug/l	99
67) Ethyl Benzene	11.738	91	905414	55.231	ug/l	98
68) m/p-Xylenes	11.844	106	680897	111.134	ug/l	96
69) o-Xylene	12.173	106	319448	54.815	ug/l	95
70) Styrene	12.185	104	543103	55.040	ug/l	96
71) Bromoform	12.349	173	90991	56.791	ug/l #	97
73) Isopropylbenzene	12.467	105	867577	55.430	ug/l	100
74) N-amyl acetate	12.279	43	242003	54.121	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	149185	55.376	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	95220m	51.308	ug/l	
77) Bromobenzene	12.749	156	183888	54.987	ug/l	95
78) n-propylbenzene	12.808	91	1072726	55.313	ug/l	99
79) 2-Chlorotoluene	12.896	91	597929	54.072	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	709551	55.060	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	48658	50.472	ug/l #	85
82) 4-Chlorotoluene	12.996	91	618819	54.223	ug/l	99
83) tert-Butylbenzene	13.214	119	611220	55.059	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	690959	54.748	ug/l	97
85) sec-Butylbenzene	13.390	105	928505	55.634	ug/l	100
86) p-Isopropyltoluene	13.502	119	760536	56.751	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	362324	55.413	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	356568	54.465	ug/l	97
89) n-Butylbenzene	13.832	91	749497	55.650	ug/l	100
90) Hexachloroethane	14.096	117	145314	54.796	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	310679	54.835	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	22926	51.888	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	201383	55.555	ug/l	98
94) Hexachlorobutadiene	15.249	225	107989	59.069	ug/l	99
95) Naphthalene	15.385	128	386301	55.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	171377	56.228	ug/l	98

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

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