

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006643.D
 Acq On : 05 Nov 2021 00:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 05 14:06:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	122359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	186305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82748	54.956	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.920%			
35) Dibromofluoromethane	7.728	113	61919	54.898	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.800%			
50) Toluene-d8	10.185	98	258439	54.052	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.100%			
62) 4-Bromofluorobenzene	12.483	95	85929	53.352	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	56453	49.912	ug/l	97
3) Chloromethane	2.119	50	82559	54.077	ug/l	99
4) Vinyl Chloride	2.259	62	90115	52.852	ug/l	99
5) Bromomethane	2.662	94	60964	53.669	ug/l	96
6) Chloroethane	2.802	64	45029	44.723	ug/l	93
7) Trichlorofluoromethane	3.137	101	102487	47.338	ug/l	97
8) Diethyl Ether	3.540	74	39828	56.172	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	61592	55.879	ug/l	96
10) Methyl Iodide	4.107	142	57137	47.670	ug/l	97
11) Tert butyl alcohol	4.966	59	29917	218.710	ug/l	99
12) 1,1-Dichloroethene	3.887	96	63289	57.292	ug/l	94
13) Acrolein	3.741	56	24480	258.870	ug/l	100
14) Allyl chloride	4.497	41	139056	61.160	ug/l	99
15) Acrylonitrile	5.180	53	109673	274.672	ug/l	100
16) Acetone	3.954	43	95249	219.689	ug/l	100
17) Carbon Disulfide	4.210	76	204656	56.484	ug/l	99
18) Methyl Acetate	4.491	43	80473	57.239	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	200647	56.654	ug/l	100
20) Methylene Chloride	4.735	84	81198	61.235	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	72079	57.538	ug/l	98
22) Diisopropyl ether	6.131	45	301991	66.644	ug/l	97
23) Vinyl Acetate	6.076	43	844107	306.273	ug/l	98
24) 1,1-Dichloroethane	6.033	63	148932	62.856	ug/l	99
25) 2-Butanone	6.996	43	150213	264.456	ug/l	98
26) 2,2-Dichloropropane	6.996	77	123488	54.795	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	84081	58.792	ug/l	95
28) Bromochloromethane	7.344	49	62704	65.226	ug/l	88
29) Tetrahydrofuran	7.356	42	100879	289.483	ug/l	93
30) Chloroform	7.515	83	142969	58.428	ug/l	99
31) Cyclohexane	7.795	56	140106	57.477	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	125514	55.552	ug/l	99
36) 1,1-Dichloropropene	7.929	75	109161	54.596	ug/l	97
37) Ethyl Acetate	7.088	43	68224	53.916	ug/l	99
38) Carbon Tetrachloride	7.911	117	110527	50.109	ug/l	100
39) Methylcyclohexane	9.191	83	129946	53.388	ug/l	97
40) Benzene	8.173	78	318829	55.908	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	39138m	54.508	ug/l	
42) 1,2-Dichloroethane	8.246	62	104740	51.432	ug/l	98
43) Isopropyl Acetate	8.283	43	133634	54.438	ug/l	99
44) Trichloroethene	8.947	130	79387	53.977	ug/l	99
45) 1,2-Dichloropropane	9.222	63	85483	60.518	ug/l	98
46) Dibromomethane	9.313	93	41672	53.745	ug/l	96
47) Bromodichloromethane	9.502	83	110994	55.028	ug/l	99
48) Methyl methacrylate	9.301	41	62126	54.606	ug/l	97
49) 1,4-Dioxane	9.301	88	9371	890.230	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	348622	270.919	ug/l	99
52) Toluene	10.252	92	194661	54.405	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	115392	53.105	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	130903	55.604	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	58564	54.628	ug/l	96
56) Ethyl methacrylate	10.514	69	90549	54.672	ug/l	97
57) 1,3-Dichloropropane	10.794	76	107417	55.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	172543	228.371	ug/l	96
59) 2-Hexanone	10.837	43	238471	256.055	ug/l	99
60) Dibromochloromethane	10.990	129	69613	52.643	ug/l	98
61) 1,2-Dibromoethane	11.093	107	53531	53.036	ug/l	98
64) Tetrachloroethene	10.727	164	89411	54.885	ug/l	98
65) Chlorobenzene	11.520	112	195812	54.005	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	74104	54.291	ug/l	99
67) Ethyl Benzene	11.599	91	383215	55.505	ug/l	99
68) m/p-Xylenes	11.709	106	281489	108.377	ug/l	100
69) o-Xylene	12.032	106	134792	54.388	ug/l	99
70) Styrene	12.050	104	227238	53.627	ug/l	98
71) Bromoform	12.209	173	42346	49.079	ug/l	98
73) Isopropylbenzene	12.331	105	359764	60.108	ug/l	99
74) N-amyl acetate	12.148	43	118462	59.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	58413	56.373	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	50650m	57.446	ug/l	
77) Bromobenzene	12.611	156	81609	57.873	ug/l	97
78) n-propylbenzene	12.672	91	444355	60.074	ug/l	99
79) 2-Chlorotoluene	12.758	91	249182	60.851	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	296234	59.108	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23838	55.504	ug/l	95
82) 4-Chlorotoluene	12.855	91	252959	59.284	ug/l	98
83) tert-Butylbenzene	13.081	119	257285	59.741	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	292381	58.347	ug/l	98
85) sec-Butylbenzene	13.257	105	382953	59.220	ug/l	98
86) p-Isopropyltoluene	13.373	119	314406	56.991	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	156197	55.190	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	150992	54.261	ug/l	99
89) n-Butylbenzene	13.696	91	295073	56.859	ug/l	99
90) Hexachloroethane	13.965	117	60082	60.302	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	134217	54.068	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10228	46.495	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	74268	45.320	ug/l	98
94) Hexachlorobutadiene	15.111	225	51791	49.311	ug/l	99
95) Naphthalene	15.239	128	140211	43.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	63825	44.475	ug/l	97

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

