

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006776.D
 Acq On : 16 Nov 2021 20:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 04:10:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	107789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81233	57.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.000%			
35) Dibromofluoromethane	7.728	113	57123	53.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.080%			
50) Toluene-d8	10.185	98	236177	52.997	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.000%			
62) 4-Bromofluorobenzene	12.483	95	80319	53.462	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	55539	53.653	ug/l	94
3) Chloromethane	2.119	50	89832	57.686	ug/l	100
4) Vinyl Chloride	2.260	62	87831	55.553	ug/l	99
5) Bromomethane	2.656	94	58623	69.587	ug/l	97
6) Chloroethane	2.802	64	57502	59.450	ug/l	96
7) Trichlorofluoromethane	3.137	101	113359	57.211	ug/l	98
8) Diethyl Ether	3.540	74	43621	66.103	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	60090	57.103	ug/l	97
10) Methyl Iodide	4.101	142	79444	60.395	ug/l	99
11) Tert butyl alcohol	4.960	59	53893	253.669	ug/l	96
12) 1,1-Dichloroethene	3.887	96	60552	58.018	ug/l	92
13) Acrolein	3.735	56	10849	365.037	ug/l	97
14) Allyl chloride	4.491	41	143498	61.041	ug/l	96
15) Acrylonitrile	5.180	53	130784	343.607	ug/l	100
16) Acetone	3.954	43	120894	281.661	ug/l	99
17) Carbon Disulfide	4.210	76	216049	58.645	ug/l	99
18) Methyl Acetate	4.491	43	98985	71.241	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	215532	65.516	ug/l	98
20) Methylene Chloride	4.729	84	78420	62.066	ug/l	89
21) trans-1,2-Dichloroethene	5.235	96	71776	60.200	ug/l	96
22) Diisopropyl ether	6.131	45	269671	58.139	ug/l	98
23) Vinyl Acetate	6.076	43	839502	299.727	ug/l	98
24) 1,1-Dichloroethane	6.033	63	130873	55.279	ug/l	99
25) 2-Butanone	6.997	43	170150	271.588	ug/l	97
26) 2,2-Dichloropropane	6.997	77	107159	50.090	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	76075	56.494	ug/l	97
28) Bromochloromethane	7.344	49	62074	55.739	ug/l	91
29) Tetrahydrofuran	7.356	42	113295	318.069	ug/l	94
30) Chloroform	7.521	83	128429	56.428	ug/l	99
31) Cyclohexane	7.795	56	120939	48.707	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	112976	53.862	ug/l	99
36) 1,1-Dichloropropene	7.929	75	95328	50.023	ug/l	100
37) Ethyl Acetate	7.082	43	76299	59.883	ug/l	99
38) Carbon Tetrachloride	7.911	117	100509	51.564	ug/l	99
39) Methylcyclohexane	9.191	83	114065	49.078	ug/l	97
40) Benzene	8.173	78	286588	53.420	ug/l	99

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41) Methacrylonitrile	7.356	41	58387m	54.576	ug/l	
42) 1,2-Dichloroethane	8.246	62	101925	57.027	ug/l	100
43) Isopropyl Acetate	8.283	43	142483	59.614	ug/l	98
44) Trichloroethene	8.947	130	72991	55.927	ug/l	94
45) 1,2-Dichloropropane	9.228	63	69078	49.907	ug/l	95
46) Dibromomethane	9.313	93	40837	56.646	ug/l	99
47) Bromodichloromethane	9.502	83	101870	55.643	ug/l	98
48) Methyl methacrylate	9.301	41	60904	53.783	ug/l	100
49) 1,4-Dioxane	9.307	88	10076	1218.060	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	331069	262.971	ug/l	98
52) Toluene	10.252	92	174794	53.655	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	106707	53.620	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	115268	51.646	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	54641	56.774	ug/l	97
56) Ethyl methacrylate	10.514	69	83986	56.141	ug/l	91
57) 1,3-Dichloropropane	10.795	76	96636	55.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	225600	275.442	ug/l	97
59) 2-Hexanone	10.837	43	220178	239.447	ug/l	96
60) Dibromochloromethane	10.990	129	69545	58.950	ug/l	99
61) 1,2-Dibromoethane	11.093	107	52599	58.989	ug/l	100
64) Tetrachloroethene	10.728	164	68136	55.721	ug/l	98
65) Chlorobenzene	11.520	112	179225	52.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	68243	53.601	ug/l	98
67) Ethyl Benzene	11.599	91	341755	52.960	ug/l	99
68) m/p-Xylenes	11.709	106	256614	104.343	ug/l	100
69) o-Xylene	12.032	106	123376	52.956	ug/l	99
70) Styrene	12.050	104	213459	54.250	ug/l	99
71) Bromoform	12.209	173	43302	56.192	ug/l #	100
73) Isopropylbenzene	12.331	105	321490	52.263	ug/l	99
74) N-amyl acetate	12.148	43	125438	55.885	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	66891	58.772	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	50745m	57.781	ug/l	
77) Bromobenzene	12.611	156	75671	54.015	ug/l	95
78) n-propylbenzene	12.672	91	400757	53.441	ug/l	99
79) 2-Chlorotoluene	12.758	91	223415	54.443	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	270946	53.742	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	25318	57.123	ug/l	98
82) 4-Chlorotoluene	12.855	91	230738	53.788	ug/l	98
83) tert-Butylbenzene	13.075	119	233226	53.262	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	271378	53.913	ug/l	97
85) sec-Butylbenzene	13.258	105	343051	52.607	ug/l	99
86) p-Isopropyltoluene	13.373	119	286205	51.847	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	144808	51.903	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	142504	51.759	ug/l	99
89) n-Butylbenzene	13.697	91	271462	52.116	ug/l	99
90) Hexachloroethane	13.965	117	52540	52.812	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	129441	53.834	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12464	61.952	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	77383	49.194	ug/l	99
94) Hexachlorobutadiene	15.117	225	48124	46.887	ug/l	100
95) Naphthalene	15.239	128	157333	54.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	65735	50.149	ug/l	99

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

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