

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006619.D
 Acq On : 04 Nov 2021 14:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 05 13:56:32 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	152358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	222497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	97129	51.806	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.620%			
35) Dibromofluoromethane	7.728	113	72352	53.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.820%			
50) Toluene-d8	10.185	98	298891	52.052	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.483	95	101326	52.384	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	68077	48.338	ug/l	99
3) Chloromethane	2.119	50	99778	52.487	ug/l	100
4) Vinyl Chloride	2.259	62	109305	51.484	ug/l	98
5) Bromomethane	2.656	94	66067	46.710	ug/l	96
6) Chloroethane	2.802	64	50920	40.616	ug/l	96
7) Trichlorofluoromethane	3.137	101	137851	51.135	ug/l	99
8) Diethyl Ether	3.539	74	49106	55.621	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.911	101	75941	55.331	ug/l	97
10) Methyl Iodide	4.106	142	79954	52.945	ug/l	97
11) Tert butyl alcohol	4.960	59	44571	261.682	ug/l	100
12) 1,1-Dichloroethene	3.887	96	75634	54.986	ug/l	99
13) Acrolein	3.741	56	35386	300.520	ug/l	98
14) Allyl chloride	4.491	41	177091	62.552	ug/l	95
15) Acrylonitrile	5.179	53	144430	290.498	ug/l	99
16) Acetone	3.954	43	162847	301.647	ug/l	98
17) Carbon Disulfide	4.210	76	250857	55.603	ug/l	99
18) Methyl Acetate	4.491	43	104555	59.725	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	251479	57.025	ug/l	99
20) Methylene Chloride	4.728	84	96721	58.390	ug/l	92
21) trans-1,2-Dichloroethene	5.234	96	87639	56.184	ug/l	97
22) Diisopropyl ether	6.130	45	365271	64.737	ug/l	95
23) Vinyl Acetate	6.070	43	1071471	312.221	ug/l	97
24) 1,1-Dichloroethane	6.027	63	178064	60.354	ug/l	98
25) 2-Butanone	6.996	43	219197	309.921	ug/l	98
26) 2,2-Dichloropropane	6.996	77	157277	56.047	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	100214	56.276	ug/l	94
28) Bromochloromethane	7.344	49	72413	60.494	ug/l	89
29) Tetrahydrofuran	7.356	42	135420	312.087	ug/l	94
30) Chloroform	7.514	83	170533	55.970	ug/l	97
31) Cyclohexane	7.795	56	171471	56.494	ug/l	95
32) 1,1,1-Trichloroethane	7.709	97	151390	53.811	ug/l	99
36) 1,1-Dichloropropene	7.929	75	133703	55.680	ug/l	98
37) Ethyl Acetate	7.082	43	89085	58.621	ug/l	99
38) Carbon Tetrachloride	7.911	117	130914	49.420	ug/l	98
39) Methylcyclohexane	9.191	83	158832	54.336	ug/l	97
40) Benzene	8.167	78	378229	55.226	ug/l	98

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41) Methacrylonitrile	7.325	41	45284m	52.514	ug/l	
42) 1,2-Dichloroethane	8.246	62	124541	50.922	ug/l	99
43) Isopropyl Acetate	8.283	43	173043	58.696	ug/l	99
44) Trichloroethene	8.947	130	96244	54.488	ug/l	98
45) 1,2-Dichloropropane	9.221	63	102522	60.435	ug/l	99
46) Dibromomethane	9.313	93	50359	54.081	ug/l	95
47) Bromodichloromethane	9.502	83	132072	54.521	ug/l	98
48) Methyl methacrylate	9.295	41	83038	60.773	ug/l	93
49) 1,4-Dioxane	9.301	88	12975	1026.340	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	459701	297.460	ug/l	99
52) Toluene	10.252	92	231507	53.876	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	143072	54.825	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	161647	57.173	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	71257	55.345	ug/l	96
56) Ethyl methacrylate	10.514	69	113236	56.929	ug/l	97
57) 1,3-Dichloropropane	10.794	76	131298	56.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	197354	217.499	ug/l	95
59) 2-Hexanone	10.837	43	335335	299.809	ug/l	100
60) Dibromochloromethane	10.989	129	83452	52.548	ug/l	100
61) 1,2-Dibromoethane	11.093	107	66422	54.796	ug/l	99
64) Tetrachloroethene	10.721	164	105607	54.282	ug/l	97
65) Chlorobenzene	11.520	112	237477	54.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	86811	53.255	ug/l	98
67) Ethyl Benzene	11.599	91	458521	55.610	ug/l	100
68) m/p-Xylenes	11.709	106	335646	108.208	ug/l	98
69) o-Xylene	12.032	106	160823	54.336	ug/l	99
70) Styrene	12.050	104	274316	54.206	ug/l	99
71) Bromoform	12.209	173	53815	52.226	ug/l #	97
73) Isopropylbenzene	12.331	105	428990	57.485	ug/l	99
74) N-amyl acetate	12.148	43	154383	62.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	75995	58.822	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	62907m	57.223	ug/l	
77) Bromobenzene	12.611	156	96197	54.714	ug/l	92
78) n-propylbenzene	12.672	91	537720	58.306	ug/l	99
79) 2-Chlorotoluene	12.757	91	302359	59.220	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	358518	57.375	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	31560	58.937	ug/l	97
82) 4-Chlorotoluene	12.855	91	308084	57.910	ug/l	98
83) tert-Butylbenzene	13.080	119	308104	57.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	351327	56.231	ug/l	98
85) sec-Butylbenzene	13.257	105	463873	57.533	ug/l	99
86) p-Isopropyltoluene	13.373	119	380526	55.322	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	187599	53.164	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	186768	53.830	ug/l	99
89) n-Butylbenzene	13.696	91	373231	57.683	ug/l	99
90) Hexachloroethane	13.964	117	71420	57.491	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	163699	52.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13994	51.022	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	96167	47.066	ug/l	99
94) Hexachlorobutadiene	15.117	225	61781	47.178	ug/l	99
95) Naphthalene	15.239	128	180140	45.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	78987	44.144	ug/l	99

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

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