

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019862.D
 Acq On : 11 Oct 2024 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 14 01:41:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	363226	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	627324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	533709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	247612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	207939	46.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.980%
35) Dibromofluoromethane	7.640	113	201193	48.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.109	98	756167	49.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.408	95	263311	47.669	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	166452	49.227	ug/l	95
3) Chloromethane	2.074	50	226713	51.515	ug/l	100
4) Vinyl Chloride	2.208	62	251401	51.911	ug/l	96
5) Bromomethane	2.604	94	153297	50.010	ug/l	99
6) Chloroethane	2.745	64	162241	49.868	ug/l	98
7) Trichlorofluoromethane	3.068	101	357524	49.614	ug/l	95
8) Diethyl Ether	3.458	74	104367	47.654	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.824	101	208245	49.682	ug/l	92
10) Methyl Iodide	4.013	142	210373	49.625	ug/l	# 90
11) Tert butyl alcohol	4.872	59	71475	170.589	ug/l	# 80
12) 1,1-Dichloroethene	3.799	96	194693	49.964	ug/l	# 81
13) Acrolein	3.659	56	75229	228.917	ug/l	98
14) Allyl chloride	4.391	41	356016	50.637	ug/l	# 91
15) Acrylonitrile	5.074	53	234105	233.699	ug/l	98
16) Acetone	3.873	43	322844	277.302	ug/l	# 81
17) Carbon Disulfide	4.116	76	547066	52.378	ug/l	98
18) Methyl Acetate	4.397	43	117413	46.816	ug/l	89
19) Methyl tert-butyl Ether	5.128	73	522809	46.701	ug/l	100
20) Methylene Chloride	4.622	84	210252	48.857	ug/l	# 81
21) trans-1,2-Dichloroethene	5.122	96	209901	49.493	ug/l	# 85
22) Diisopropyl ether	6.025	45	761632	49.733	ug/l	# 92
23) Vinyl Acetate	5.970	43	1939506m	220.914	ug/l	
24) 1,1-Dichloroethane	5.927	63	425419	49.973	ug/l	97
25) 2-Butanone	6.902	43	394050	252.862	ug/l	# 83
26) 2,2-Dichloropropane	6.890	77	371046	48.942	ug/l	96
27) cis-1,2-Dichloroethene	6.902	96	260056	49.619	ug/l	84
28) Bromochloromethane	7.250	49	169799	45.317	ug/l	# 74
29) Tetrahydrofuran	7.268	42	203158	228.321	ug/l	# 82
30) Chloroform	7.427	83	434258	50.042	ug/l	97
31) Cyclohexane	7.707	56	360123	48.191	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	381167	50.120	ug/l	95
36) 1,1-Dichloropropene	7.841	75	302486	50.719	ug/l	96
37) Ethyl Acetate	6.988	43	147692	47.492	ug/l	# 94
38) Carbon Tetrachloride	7.823	117	329661	51.562	ug/l	99
39) Methylcyclohexane	9.116	83	373154	49.658	ug/l	90
40) Benzene	8.085	78	907947	50.304	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	84484	50.195	ug/l	#	84
42) 1,2-Dichloroethane	8.164	62	254807	49.140	ug/l		93
43) Isopropyl Acetate	8.201	43	295515	46.595	ug/l	#	76
44) Trichloroethene	8.872	130	215378	49.268	ug/l		90
45) 1,2-Dichloropropane	9.146	63	227220	50.296	ug/l		99
46) Dibromomethane	9.237	93	116697	47.280	ug/l		92
47) Bromodichloromethane	9.426	83	324570	49.542	ug/l		98
48) Methyl methacrylate	9.225	41	135749	48.660	ug/l	#	82
49) 1,4-Dioxane	9.237	88	25478	922.273	ug/l	#	93
51) 4-Methyl-2-Pentanone	9.999	43	764920	236.458	ug/l		89
52) Toluene	10.176	92	575788	51.106	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	287383	48.752	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	343427	49.375	ug/l	#	87
55) 1,1,2-Trichloroethane	10.573	97	155401	47.787	ug/l		96
56) Ethyl methacrylate	10.445	69	226413	48.522	ug/l	#	74
57) 1,3-Dichloropropane	10.719	76	275933	48.318	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	559360	257.502	ug/l		92
59) 2-Hexanone	10.762	43	599117	259.305	ug/l		87
60) Dibromochloromethane	10.914	129	202986	48.632	ug/l		100
61) 1,2-Dibromoethane	11.018	107	138252	47.047	ug/l		99
64) Tetrachloroethene	10.652	164	180818	47.631	ug/l		95
65) Chlorobenzene	11.444	112	607189	49.740	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	206201	49.926	ug/l		97
67) Ethyl Benzene	11.518	91	1124104	50.693	ug/l		98
68) m/p-Xylenes	11.633	106	820819	100.226	ug/l		91
69) o-Xylene	11.956	106	395778	50.298	ug/l		94
70) Styrene	11.969	104	672487	50.656	ug/l		96
71) Bromoform	12.133	173	103256	46.701	ug/l	#	100
73) Isopropylbenzene	12.255	105	1056108	50.708	ug/l		98
74) N-amyl acetate	12.072	43	271540	49.225	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	181670	49.090	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	138867m	28.628	ug/l		
77) Bromobenzene	12.536	156	217497	49.211	ug/l		85
78) n-propylbenzene	12.597	91	1284198	51.029	ug/l		97
79) 2-Chlorotoluene	12.682	91	728331	50.481	ug/l		95
80) 1,3,5-Trimethylbenzene	12.737	105	849666	50.515	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	58326	48.534	ug/l	#	84
82) 4-Chlorotoluene	12.779	91	748654	50.749	ug/l		95
83) tert-Butylbenzene	12.999	119	763372	50.661	ug/l		95
84) 1,2,4-Trimethylbenzene	13.042	105	842351	50.512	ug/l		96
85) sec-Butylbenzene	13.176	105	1130191	50.202	ug/l		98
86) p-Isopropyltoluene	13.292	119	923401	50.511	ug/l		96
87) 1,3-Dichlorobenzene	13.292	146	438205	49.097	ug/l		97
88) 1,4-Dichlorobenzene	13.371	146	427077	48.707	ug/l		96
89) n-Butylbenzene	13.621	91	907656	50.847	ug/l		99
90) Hexachloroethane	13.883	117	180804	50.792	ug/l		88
91) 1,2-Dichlorobenzene	13.657	146	385592	49.168	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27011	45.733	ug/l		77
93) 1,2,4-Trichlorobenzene	14.919	180	213952	48.654	ug/l		97
94) Hexachlorobutadiene	15.023	225	120240	49.181	ug/l		98
95) Naphthalene	15.145	128	401833	48.449	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	174548	46.956	ug/l		98

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 Yesilyurt

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

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