

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019967.D
 Acq On : 21 Oct 2024 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Quant Time: Oct 22 01:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						10/22/2024
1) Pentafluorobenzene	7.707	168	209885	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	383722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	338750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168205	50.000	ug/l	0.00
System Monitoring Compounds						10/22/2024
33) 1,2-Dichloroethane-d4	8.061	65	147198	56.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.920%	
35) Dibromofluoromethane	7.634	113	137350	54.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.103	98	492153	52.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.401	95	181194	53.628	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	92153	47.164	ug/l	97
3) Chloromethane	2.068	50	145322	57.146	ug/l	99
4) Vinyl Chloride	2.202	62	164798	58.890	ug/l	99
5) Bromomethane	2.592	94	107930	60.934	ug/l	96
6) Chloroethane	2.732	64	114225	60.760	ug/l	100
7) Trichlorofluoromethane	3.056	101	232816	55.912	ug/l	99
8) Diethyl Ether	3.452	74	76270	60.268	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	133956	55.307	ug/l	90
10) Methyl Iodide	4.001	142	134402	54.867	ug/l	92
11) Tert butyl alcohol	4.860	59	51923	247.844	ug/l	# 78
12) 1,1-Dichloroethene	3.793	96	121637	54.021	ug/l	84
13) Acrolein	3.653	56	30984	163.165	ug/l	98
14) Allyl chloride	4.385	41	247300	60.872	ug/l	# 89
15) Acrylonitrile	5.055	53	186370	321.972	ug/l	97
16) Acetone	3.873	43	173438	257.810	ug/l	# 86
17) Carbon Disulfide	4.104	76	283897	47.040	ug/l	99
18) Methyl Acetate	4.385	43	100031	69.026	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	395980	61.214	ug/l	97
20) Methylene Chloride	4.616	84	152237	61.429	ug/l	# 83
21) trans-1,2-Dichloroethene	5.116	96	142799	58.270	ug/l	87
22) Diisopropyl ether	6.018	45	590113	66.685	ug/l	# 90
23) Vinyl Acetate	5.957	43	1592168	313.846	ug/l	# 90
24) 1,1-Dichloroethane	5.915	63	316434	64.328	ug/l	96
25) 2-Butanone	6.896	43	261922	290.870	ug/l	# 83
26) 2,2-Dichloropropane	6.884	77	240382	54.872	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	185994	61.415	ug/l	84
28) Bromochloromethane	7.244	49	129286	59.713	ug/l	# 72
29) Tetrahydrofuran	7.262	42	162984	316.995	ug/l	# 81
30) Chloroform	7.421	83	327589	65.329	ug/l	96
31) Cyclohexane	7.701	56	225885	52.311	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	267783	60.936	ug/l	94
36) 1,1-Dichloropropene	7.835	75	204231	55.984	ug/l	94
37) Ethyl Acetate	6.982	43	115412	60.672	ug/l	95
38) Carbon Tetrachloride	7.817	117	218837	55.958	ug/l	99
39) Methylcyclohexane	9.109	83	236393	51.429	ug/l	# 88
40) Benzene	8.079	78	653347	59.178	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.219	41	68434	66.471	ug/l	#	83
42) 1,2-Dichloroethane	8.158	62	190525	60.069	ug/l		94
43) Isopropyl Acetate	8.195	43	230884	59.516	ug/l	#	76
44) Trichloroethene	8.866	130	149357	55.856	ug/l		88
45) 1,2-Dichloropropane	9.140	63	169772	61.437	ug/l		99
46) Dibromomethane	9.225	93	90067	59.656	ug/l		90
47) Bromodichloromethane	9.420	83	249005	62.136	ug/l		99
48) Methyl methacrylate	9.219	41	107863	63.209	ug/l	#	80
49) 1,4-Dioxane	9.231	88	19402	1148.195	ug/l	#	76
51) 4-Methyl-2-Pentanone	9.993	43	621223	313.951	ug/l		88
52) Toluene	10.170	92	419710	60.903	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	213156	59.116	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	250086	58.781	ug/l	#	86
55) 1,1,2-Trichloroethane	10.566	97	119552	60.102	ug/l		96
56) Ethyl methacrylate	10.438	69	180227	63.144	ug/l	#	75
57) 1,3-Dichloropropane	10.713	76	217409	62.238	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.707	63	365296	274.922	ug/l		92
59) 2-Hexanone	10.755	43	419953	297.150	ug/l		86
60) Dibromochloromethane	10.908	129	156049	61.121	ug/l		98
61) 1,2-Dibromoethane	11.011	107	105881	58.905	ug/l		99
64) Tetrachloroethene	10.640	164	130206	54.039	ug/l		93
65) Chlorobenzene	11.438	112	453540	58.536	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.511	131	153803	58.672	ug/l		99
67) Ethyl Benzene	11.517	91	825611	58.660	ug/l		99
68) m/p-Xylenes	11.627	106	600006	115.429	ug/l		91
69) o-Xylene	11.950	106	298214	59.711	ug/l		93
70) Styrene	11.969	104	510012	60.527	ug/l		96
71) Bromoform	12.127	173	81846	58.323	ug/l	#	96
73) Isopropylbenzene	12.249	105	794744	56.173	ug/l		98
74) N-amyl acetate	12.066	43	216745	57.841	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	148992	59.265	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	95341m	28.934	ug/l		
77) Bromobenzene	12.529	156	165962	55.278	ug/l		84
78) n-propylbenzene	12.590	91	968630	56.660	ug/l		97
79) 2-Chlorotoluene	12.676	91	555287	56.657	ug/l		94
80) 1,3,5-Trimethylbenzene	12.731	105	637886	55.828	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.298	75	42846	52.484	ug/l	#	79
82) 4-Chlorotoluene	12.773	91	560002	55.881	ug/l		95
83) tert-Butylbenzene	12.993	119	574813	56.156	ug/l		94
84) 1,2,4-Trimethylbenzene	13.042	105	643506	56.805	ug/l		95
85) sec-Butylbenzene	13.170	105	862309	56.385	ug/l		97
86) p-Isopropyltoluene	13.285	119	688490	55.441	ug/l		95
87) 1,3-Dichlorobenzene	13.285	146	334014	55.090	ug/l		96
88) 1,4-Dichlorobenzene	13.365	146	326876	54.878	ug/l		97
89) n-Butylbenzene	13.615	91	672687	55.475	ug/l		98
90) Hexachloroethane	13.877	117	136865	56.599	ug/l		86
91) 1,2-Dichlorobenzene	13.657	146	297605	55.863	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	22125	55.145	ug/l		74
93) 1,2,4-Trichlorobenzene	14.919	180	151105	50.584	ug/l		97
94) Hexachlorobutadiene	15.023	225	81510	49.079	ug/l		98
95) Naphthalene	15.139	128	308794	54.808	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	129255	51.186	ug/l		97

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 Supervised By :Mahesh
 Dadoda

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

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Dadoda

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