

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019656.D
 Acq On : 20 Sep 2024 19:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 20 23:55:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	384897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	713418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	624485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	293008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	202009	56.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.360%			
35) Dibromofluoromethane	7.628	113	204131	50.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.940%			
50) Toluene-d8	10.103	98	729301	48.746	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.401	95	267382	46.479	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 92.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	97906	46.231	ug/l	99
3) Chloromethane	2.068	50	125400	39.378	ug/l	98
4) Vinyl Chloride	2.202	62	201367	58.478	ug/l	98
5) Bromomethane	2.592	94	67248	31.794	ug/l	98
6) Chloroethane	2.732	64	148662	66.041	ug/l	98
7) Trichlorofluoromethane	3.056	101	332150	57.865	ug/l	98
8) Diethyl Ether	3.452	74	116994	60.720	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.812	101	192603	54.241	ug/l	97
10) Methyl Iodide	3.994	142	122374	26.880	ug/l	93
11) Tert butyl alcohol	4.854	59	102180	355.006	ug/l	# 83
12) 1,1-Dichloroethene	3.787	96	191124	55.968	ug/l	92
14) Allyl chloride	4.372	41	303179	49.507	ug/l	# 93
15) Acrylonitrile	5.049	53	256435	308.663	ug/l	98
16) Acetone	3.866	43	197263	232.324	ug/l	# 86
17) Carbon Disulfide	4.098	76	486559	52.735	ug/l	98
18) Methyl Acetate	4.372	43	351147	152.392	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	608424	62.907	ug/l	98
20) Methylene Chloride	4.604	84	228846	59.099	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	219075	58.529	ug/l	94
22) Diisopropyl ether	6.012	45	732052	58.212	ug/l	98
23) Vinyl Acetate	5.951	43	440520	61.328	ug/l	94
24) 1,1-Dichloroethane	5.903	63	425464	60.292	ug/l	98
25) 2-Butanone	6.884	43	327984	271.597	ug/l	# 88
26) 2,2-Dichloropropane	6.878	77	190788	29.973	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	276925	60.907	ug/l	95
28) Bromochloromethane	7.238	49	185680	62.537	ug/l	88
29) Tetrahydrofuran	7.256	42	220650	300.512	ug/l	90
30) Chloroform	7.415	83	456659	63.392	ug/l	98
31) Cyclohexane	7.695	56	310521	48.683	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	390864	60.534	ug/l	98
36) 1,1-Dichloropropene	7.829	75	290227	52.730	ug/l	97
37) Ethyl Acetate	6.976	43	125198	44.395	ug/l	97
38) Carbon Tetrachloride	7.811	117	328213	52.880	ug/l	99
39) Methylcyclohexane	9.103	83	355226	48.497	ug/l	90
40) Benzene	8.073	78	939394	55.413	ug/l	98
41) Methacrylonitrile	7.213	41	85388	51.942	ug/l	90

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42) 1,2-Dichloroethane	8.152	62	269234	59.020	ug/l	96
43) Isopropyl Acetate	8.195	43	293401	49.521	ug/l	92
44) Trichloroethene	8.859	130	241777	55.455	ug/l	96
45) 1,2-Dichloropropane	9.140	63	229597	55.398	ug/l	97
46) Dibromomethane	9.225	93	134088	59.163	ug/l	95
47) Bromodichloromethane	9.420	83	354231	58.144	ug/l	99
48) Methyl methacrylate	9.219	41	152353	54.453	ug/l	86
49) 1,4-Dioxane	9.225	88	32927	1234.111	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	826469	277.270	ug/l	92
52) Toluene	10.170	92	609553	55.907	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	259381	44.662	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	308334	45.595	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	180195	57.573	ug/l	98
56) Ethyl methacrylate	10.438	69	257037	54.063	ug/l #	84
57) 1,3-Dichloropropane	10.713	76	304910	56.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	563544	255.382	ug/l	99
59) 2-Hexanone	10.755	43	537653	246.034	ug/l	91
60) Dibromochloromethane	10.908	129	240955	58.198	ug/l	98
61) 1,2-Dibromoethane	11.011	107	164573	56.434	ug/l	99
64) Tetrachloroethene	10.646	164	277691	71.808	ug/l	95
65) Chlorobenzene	11.438	112	675112	54.959	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	237354	55.807	ug/l	99
67) Ethyl Benzene	11.517	91	1175659	53.864	ug/l	98
68) m/p-Xylenes	11.627	106	887612	107.548	ug/l	95
69) o-Xylene	11.950	106	441244	54.668	ug/l	97
70) Styrene	11.969	104	740345	54.328	ug/l	97
71) Bromoform	12.127	173	134249	55.264	ug/l #	98
73) Isopropylbenzene	12.249	105	1133332	53.316	ug/l	99
74) N-amyl acetate	12.066	43	131343	22.719	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	205700	54.519	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	142510m	51.891	ug/l	
77) Bromobenzene	12.529	156	263721	55.939	ug/l	95
78) n-propylbenzene	12.590	91	1327269	52.680	ug/l	100
79) 2-Chlorotoluene	12.676	91	795039	54.147	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	925152	53.536	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	43281	30.254	ug/l	89
82) 4-Chlorotoluene	12.773	91	794163	52.610	ug/l	96
83) tert-Butylbenzene	12.993	119	839114	53.637	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	939647	54.932	ug/l	98
85) sec-Butylbenzene	13.176	105	1197532	52.692	ug/l	99
86) p-Isopropyltoluene	13.291	119	724590	38.968	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	490514	53.545	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	483425	53.174	ug/l	97
89) n-Butylbenzene	13.615	91	880128	49.512	ug/l	100
90) Hexachloroethane	13.877	117	204004	52.729	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	451482	55.229	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	33883	53.884	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	250667	50.416	ug/l	96
94) Hexachlorobutadiene	15.017	225	126633	47.676	ug/l	98
95) Naphthalene	15.139	128	547471	54.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	219202	51.543	ug/l	97

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

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