

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019575.D
 Acq On : 17 Sep 2024 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 18 01:30:29 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 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	388562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	679481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	577696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	271395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200852	55.823	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.640%			
35) Dibromofluoromethane	7.634	113	207606	53.888	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.780%			
50) Toluene-d8	10.109	98	773241	54.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.408	95	273788	49.970	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 99.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	89134	41.254	ug/l	97
3) Chloromethane	2.068	50	154009	47.906	ug/l	99
4) Vinyl Chloride	2.208	62	179316	51.583	ug/l	99
5) Bromomethane	2.598	94	126515	59.250	ug/l	97
6) Chloroethane	2.739	64	126471	55.653	ug/l	98
7) Trichlorofluoromethane	3.062	101	285960	49.348	ug/l	98
8) Diethyl Ether	3.458	74	92942	47.782	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.818	101	169058	47.161	ug/l	96
10) Methyl Iodide	4.007	142	209453	45.574	ug/l	94
11) Tert butyl alcohol	4.872	59	62144	213.872	ug/l	# 80
12) 1,1-Dichloroethene	3.793	96	166008	48.155	ug/l	90
13) Acrolein	3.653	56	26209	183.555	ug/l	100
14) Allyl chloride	4.385	41	294499	47.636	ug/l	# 93
15) Acrylonitrile	5.055	53	195750	233.396	ug/l	99
16) Acetone	3.872	43	226966	264.785	ug/l	# 86
17) Carbon Disulfide	4.104	76	446539	47.941	ug/l	97
18) Methyl Acetate	4.385	43	99176	42.635	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	466837	47.813	ug/l	98
20) Methylene Chloride	4.616	84	189690	48.525	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	188853	49.979	ug/l	89
22) Diisopropyl ether	6.012	45	620384	48.867	ug/l	92
23) Vinyl Acetate	5.957	43	1764400	243.318	ug/l	94
24) 1,1-Dichloroethane	5.909	63	362946	50.948	ug/l	98
25) 2-Butanone	6.890	43	279746	229.467	ug/l	89
26) 2,2-Dichloropropane	6.884	77	330030	51.359	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	233409	50.852	ug/l	88
28) Bromochloromethane	7.244	49	160233	53.458	ug/l	86
29) Tetrahydrofuran	7.262	42	165865	223.767	ug/l	86
30) Chloroform	7.421	83	378601	52.061	ug/l	98
31) Cyclohexane	7.701	56	286557	44.502	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	333922	51.228	ug/l	96
36) 1,1-Dichloropropene	7.835	75	256989	49.023	ug/l	96
37) Ethyl Acetate	6.982	43	124020	46.173	ug/l	97
38) Carbon Tetrachloride	7.817	117	287812	48.687	ug/l	98
39) Methylcyclohexane	9.109	83	316415	45.356	ug/l	91
40) Benzene	8.079	78	794882	49.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	76750	49.019	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	218194	50.220	ug/l	96
43) Isopropyl Acetate	8.195	43	250861	44.455	ug/l	92
44) Trichloroethene	8.865	130	202557	48.780	ug/l	95
45) 1,2-Dichloropropane	9.140	63	190670	48.304	ug/l	97
46) Dibromomethane	9.231	93	106318	49.253	ug/l	95
47) Bromodichloromethane	9.426	83	287739	49.589	ug/l	98
48) Methyl methacrylate	9.219	41	115209	43.234	ug/l	86
49) 1,4-Dioxane	9.237	88	22262	876.058	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	626663	220.738	ug/l	92
52) Toluene	10.170	92	518350	49.917	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	264749	47.864	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	307778	47.786	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	141519	47.474	ug/l	95
56) Ethyl methacrylate	10.438	69	209017	46.158	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	246897	48.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	531307	252.799	ug/l	98
59) 2-Hexanone	10.761	43	458165	220.131	ug/l	90
60) Dibromochloromethane	10.914	129	191855	48.654	ug/l	99
61) 1,2-Dibromoethane	11.018	107	127917	46.055	ug/l	100
64) Tetrachloroethene	10.646	164	168320	47.051	ug/l	93
65) Chlorobenzene	11.444	112	566410	49.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	193768	49.249	ug/l	98
67) Ethyl Benzene	11.517	91	1002983	49.674	ug/l	100
68) m/p-Xylenes	11.627	106	754800	98.863	ug/l	94
69) o-Xylene	11.956	106	367321	49.195	ug/l	95
70) Styrene	11.969	104	618862	49.091	ug/l	96
71) Bromoform	12.133	173	105290	46.853	ug/l #	98
73) Isopropylbenzene	12.255	105	981034	49.827	ug/l	99
74) N-amyl acetate	12.072	43	237389	44.333	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	163325	46.735	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	124255m	48.847	ug/l	
77) Bromobenzene	12.536	156	211317	48.393	ug/l	92
78) n-propylbenzene	12.597	91	1156337	49.550	ug/l	99
79) 2-Chlorotoluene	12.682	91	663092	48.757	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	785682	49.086	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	58075	43.828	ug/l	92
82) 4-Chlorotoluene	12.779	91	694218	49.652	ug/l	95
83) tert-Butylbenzene	12.999	119	714136	49.284	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	778293	49.122	ug/l	98
85) sec-Butylbenzene	13.176	105	1021531	48.528	ug/l	100
86) p-Isopropyltoluene	13.292	119	839712	48.756	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	421074	49.625	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	413994	49.163	ug/l	97
89) n-Butylbenzene	13.621	91	794428	48.250	ug/l	99
90) Hexachloroethane	13.883	117	173652	48.458	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	368491	48.666	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24760	42.511	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	209027	45.389	ug/l	97
94) Hexachlorobutadiene	15.023	225	106646	43.349	ug/l	98
95) Naphthalene	15.145	128	398736	43.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	176275	44.750	ug/l	97

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

