

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019621.D
 Acq On : 19 Sep 2024 09:24
 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 20 01:25:43 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 09/20/2024
 Supervised By :Semsettin Yesilyurt 09/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	362445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	632522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	531133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175189	52.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	104.400%		
35) Dibromofluoromethane	7.634	113	181412	50.585	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.160%		
50) Toluene-d8	10.109	98	676822	51.024	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.040%		
62) 4-Bromofluorobenzene	12.408	95	234017	45.882	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	91.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86538	43.120	ug/l	100
3) Chloromethane	2.074	50	142746	47.602	ug/l	97
4) Vinyl Chloride	2.208	62	175795	54.214	ug/l	100
5) Bromomethane	2.598	94	119637	60.066	ug/l	97
6) Chloroethane	2.739	64	122099	57.601	ug/l	98
7) Trichlorofluoromethane	3.062	101	292364	54.089	ug/l	97
8) Diethyl Ether	3.458	74	84125	46.366	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.818	101	179814	53.777	ug/l	94
10) Methyl Iodide	4.007	142	186207	43.435	ug/l	91
11) Tert butyl alcohol	4.860	59	63239	233.323	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	163689	50.903	ug/l	87
13) Acrolein	3.659	56	21951	163.260	ug/l	96
14) Allyl chloride	4.385	41	281402	48.798	ug/l #	94
15) Acrylonitrile	5.055	53	183836	234.985	ug/l	98
16) Acetone	3.866	43	239027	298.950	ug/l #	86
17) Carbon Disulfide	4.110	76	431119	49.621	ug/l	99
18) Methyl Acetate	4.385	43	93695	43.181	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	438221	48.116	ug/l	100
20) Methylene Chloride	4.616	84	176077	48.288	ug/l #	86
21) trans-1,2-Dichloroethene	5.110	96	181918	51.613	ug/l	93
22) Diisopropyl ether	6.012	45	593402	50.110	ug/l	91
23) Vinyl Acetate	5.957	43	1651717	244.192	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	350017	52.673	ug/l	97
25) 2-Butanone	6.890	43	292244	256.992	ug/l #	88
26) 2,2-Dichloropropane	6.884	77	327950	54.713	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	220175	51.425	ug/l	87
28) Bromochloromethane	7.244	49	153080	54.751	ug/l	83
29) Tetrahydrofuran	7.262	42	154960	224.119	ug/l	87
30) Chloroform	7.421	83	361022	53.220	ug/l	100
31) Cyclohexane	7.701	56	293149	48.806	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	329508	54.193	ug/l	97
36) 1,1-Dichloropropene	7.835	75	254812	52.217	ug/l	97
37) Ethyl Acetate	6.982	43	112541	45.010	ug/l	97
38) Carbon Tetrachloride	7.817	117	288918	52.502	ug/l	99
39) Methylcyclohexane	9.109	83	325306	50.092	ug/l	93
40) Benzene	8.079	78	762736	50.746	ug/l	99

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41) Methacrylonitrile	7.213	41	60632	41.600	ug/l	89
42) 1,2-Dichloroethane	8.158	62	203722	50.371	ug/l	96
43) Isopropyl Acetate	8.195	43	232729	44.304	ug/l	91
44) Trichloroethene	8.865	130	193289	50.004	ug/l	98
45) 1,2-Dichloropropane	9.140	63	182246	49.597	ug/l	98
46) Dibromomethane	9.231	93	98397	48.968	ug/l	95
47) Bromodichloromethane	9.426	83	273518	50.637	ug/l	98
48) Methyl methacrylate	9.219	41	109019	43.948	ug/l	86
49) 1,4-Dioxane	9.231	88	20939	885.169	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	586646	221.983	ug/l	92
52) Toluene	10.170	92	498094	51.527	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	243463	47.283	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	291705	48.653	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	132916	47.899	ug/l	95
56) Ethyl methacrylate	10.444	69	191170	45.351	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	229726	48.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	485537	248.172	ug/l	97
59) 2-Hexanone	10.761	43	455554	235.126	ug/l	90
60) Dibromochloromethane	10.914	129	176695	48.136	ug/l	100
61) 1,2-Dibromoethane	11.018	107	120146	46.469	ug/l	99
64) Tetrachloroethene	10.652	164	165818	50.415	ug/l	97
65) Chlorobenzene	11.444	112	531412	50.864	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	182594	50.477	ug/l	99
67) Ethyl Benzene	11.524	91	973191	52.424	ug/l	100
68) m/p-Xylenes	11.633	106	728229	103.745	ug/l	94
69) o-Xylene	11.956	106	346596	50.489	ug/l	94
70) Styrene	11.969	104	583092	50.309	ug/l	97
71) Bromoform	12.133	173	96674	46.790	ug/l #	97
73) Isopropylbenzene	12.255	105	947983	52.655	ug/l	99
74) N-amyl acetate	12.072	43	214723	43.853	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	151227	47.324	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	115058m	49.465	ug/l	
77) Bromobenzene	12.536	156	195675	49.005	ug/l	91
78) n-propylbenzene	12.597	91	1129889	52.949	ug/l	99
79) 2-Chlorotoluene	12.682	91	633336	50.928	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	750862	51.302	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	51218	42.271	ug/l	90
82) 4-Chlorotoluene	12.779	91	638811	49.965	ug/l	98
83) tert-Butylbenzene	12.999	119	686822	51.835	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	738688	50.987	ug/l	98
85) sec-Butylbenzene	13.176	105	1015176	52.740	ug/l	99
86) p-Isopropyltoluene	13.292	119	823794	52.309	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	392366	50.570	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	387363	50.306	ug/l	96
89) n-Butylbenzene	13.621	91	790162	52.483	ug/l	99
90) Hexachloroethane	13.883	117	166220	50.726	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	337632	48.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23012	43.208	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	187746	44.584	ug/l	98
94) Hexachlorobutadiene	15.023	225	103841	46.159	ug/l	99
95) Naphthalene	15.145	128	349608	41.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	155375	43.136	ug/l	98

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

