

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020107.D
 Acq On : 31 Oct 2024 20:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/04/2024
 Supervised By : Mahesh Dadoda 11/04/2024

Quant Time: Nov 01 03:53:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	226450	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	435047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	393846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160090	56.644	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	113.280%	
35) Dibromofluoromethane	7.634	113	142231	51.421	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	102.840%	
50) Toluene-d8	10.103	98	559701	50.835	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	101.680%	
62) 4-Bromofluorobenzene	12.401	95	190602	53.297	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	106.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	89584	42.736	ug/l	97
3) Chloromethane	2.068	50	179590	51.723	ug/l	100
4) Vinyl Chloride	2.202	62	190830	51.195	ug/l	98
5) Bromomethane	2.592	94	124824	50.439	ug/l	99
6) Chloroethane	2.732	64	130964	54.441	ug/l	97
7) Trichlorofluoromethane	3.056	101	224146	49.224	ug/l	99
8) Diethyl Ether	3.452	74	74944	59.009	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.818	101	120594	47.217	ug/l	90
10) Methyl Iodide	4.007	142	138423	56.136	ug/l	# 90
11) Tert butyl alcohol	4.854	59	52099	256.275	ug/l	# 97
12) 1,1-Dichloroethene	3.787	96	122155	49.988	ug/l	# 76
13) Acrolein	3.653	56	50159	198.204	ug/l	100
14) Allyl chloride	4.378	41	236420	53.624	ug/l	# 89
15) Acrylonitrile	5.055	53	172387	298.186	ug/l	97
16) Acetone	3.866	43	144839	220.369	ug/l	# 82
17) Carbon Disulfide	4.104	76	421323	51.809	ug/l	99
18) Methyl Acetate	4.385	43	103881	67.363	ug/l	# 87
19) Methyl tert-butyl Ether	5.116	73	370614	60.284	ug/l	98
20) Methylene Chloride	4.616	84	153812	52.095	ug/l	# 73
21) trans-1,2-Dichloroethene	5.116	96	145989	52.972	ug/l	# 82
22) Diisopropyl ether	6.018	45	548052	59.902	ug/l	# 90
23) Vinyl Acetate	5.957	43	1448489	281.320	ug/l	# 89
24) 1,1-Dichloroethane	5.915	63	295581	55.794	ug/l	95
25) 2-Butanone	6.896	43	239262	268.550	ug/l	# 82
26) 2,2-Dichloropropane	6.890	77	177875	40.354	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	180033	56.828	ug/l	86
28) Bromochloromethane	7.244	49	144014	58.055	ug/l	# 72
29) Tetrahydrofuran	7.262	42	160258	311.687	ug/l	# 82
30) Chloroform	7.421	83	298444	56.770	ug/l	95
31) Cyclohexane	7.701	56	238980	46.595	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	241921	52.708	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	203971	47.737	ug/l	94
37) Ethyl Acetate	6.982	43	111833	54.897	ug/l	# 93
38) Carbon Tetrachloride	7.817	117	204909	47.690	ug/l	99
39) Methylcyclohexane	9.109	83	246698	45.491	ug/l	89
40) Benzene	8.079	78	649878	52.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	57522m	56.367	ug/l	
42) 1,2-Dichloroethane	8.158	62	190971	55.319	ug/l	93
43) Isopropyl Acetate	8.195	43	220543	56.298	ug/l #	77
44) Trichloroethene	8.865	130	146987	50.851	ug/l	90
45) 1,2-Dichloropropane	9.140	63	160324	53.730	ug/l	98
46) Dibromomethane	9.231	93	88365	54.654	ug/l #	88
47) Bromodichloromethane	9.420	83	230165	54.341	ug/l #	99
48) Methyl methacrylate	9.219	41	103856	57.236	ug/l #	81
49) 1,4-Dioxane	9.231	88	18489	1110.729	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	590762	292.673	ug/l	89
52) Toluene	10.170	92	406664	52.897	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	194488	51.999	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	231722	51.906	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	114850	57.132	ug/l	97
56) Ethyl methacrylate	10.438	69	168813	58.542	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	204715	55.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	416873	293.136	ug/l	91
59) 2-Hexanone	10.755	43	396524	274.010	ug/l	86
60) Dibromochloromethane	10.908	129	143511	56.004	ug/l	100
61) 1,2-Dibromoethane	11.011	107	106187	56.855	ug/l	97
64) Tetrachloroethene	10.646	164	151222	58.153	ug/l	92
65) Chlorobenzene	11.438	112	434683	51.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	140630	52.451	ug/l	99
67) Ethyl Benzene	11.517	91	790162	50.370	ug/l	99
68) m/p-Xylenes	11.627	106	583848	101.726	ug/l	92
69) o-Xylene	11.950	106	281965	51.890	ug/l	92
70) Styrene	11.969	104	486927	54.197	ug/l	96
71) Bromoform	12.127	173	75392	54.812	ug/l #	97
73) Isopropylbenzene	12.255	105	728009	47.429	ug/l	98
74) N-ethyl acetate	12.066	43	201076	52.406	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	132727	49.444	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	90341m	50.158	ug/l	
77) Bromobenzene	12.529	156	156448	50.398	ug/l	83
78) n-propylbenzene	12.590	91	902006	47.218	ug/l	96
79) 2-Chlorotoluene	12.676	91	519409	48.983	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	591162	47.973	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	37716	45.042	ug/l #	81
82) 4-Chlorotoluene	12.773	91	534573	49.444	ug/l	94
83) tert-Butylbenzene	12.993	119	518002	48.073	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	604405	49.519	ug/l	96
85) sec-Butylbenzene	13.170	105	773306	46.748	ug/l	98
86) p-Isopropyltoluene	13.292	119	623356	46.959	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	314469	49.867	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	312254	49.722	ug/l	95
89) n-Butylbenzene	13.615	91	612594	46.036	ug/l	98
90) Hexachloroethane	13.877	117	126147	48.051	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	277631	50.649	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20552	50.483	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	140725	47.791	ug/l	98
94) Hexachlorobutadiene	15.023	225	69580	43.213	ug/l	98
95) Naphthalene	15.139	128	283470	51.499	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	118564	47.434	ug/l	97

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

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