

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019815.D
 Acq On : 07 Oct 2024 17:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 01:44:18 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 :Romaben
 Patel
 10/08/2024
 Supervised By :Mahesh
 Dadoda
 10/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	243938	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	415494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	354818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	170703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	125321	55.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.960%	
35) Dibromofluoromethane	7.634	113	121893	51.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.103	98	435145	49.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.401	95	163021	48.657	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.320%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	54487	40.052	ug/l	99
3) Chloromethane	2.068	50	95346	47.242	ug/l	96
4) Vinyl Chloride	2.202	62	115004	52.697	ug/l	99
5) Bromomethane	2.598	94	78345	58.444	ug/l	98
6) Chloroethane	2.739	64	83049	58.212	ug/l	99
7) Trichlorofluoromethane	3.062	101	194953	53.589	ug/l	94
8) Diethyl Ether	3.458	74	64457	52.784	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.824	101	120032	53.337	ug/l	95
10) Methyl Iodide	4.007	142	124218	43.052	ug/l	91
11) Tert butyl alcohol	4.860	59	52050	285.335	ug/l	98
12) 1,1-Dichloroethene	3.787	96	107469	49.656	ug/l	# 83
13) Acrolein	3.659	56	6970	68.994	ug/l	99
14) Allyl chloride	4.391	41	201567	51.934	ug/l	# 92
15) Acrylonitrile	5.067	53	155872	296.034	ug/l	98
16) Acetone	3.873	43	167607	311.463	ug/l	# 86
17) Carbon Disulfide	4.110	76	256955	43.943	ug/l	97
18) Methyl Acetate	4.391	43	98552	67.485	ug/l	89
19) Methyl tert-butyl Ether	5.116	73	344139	56.143	ug/l	97
20) Methylene Chloride	4.616	84	127938	52.132	ug/l	# 83
21) trans-1,2-Dichloroethene	5.116	96	124435	52.455	ug/l	92
22) Diisopropyl ether	6.018	45	463524	58.158	ug/l	91
23) Vinyl Acetate	5.964	43	1052404m	231.175	ug/l	
24) 1,1-Dichloroethane	5.921	63	256678	57.392	ug/l	97
25) 2-Butanone	6.896	43	228108	298.042	ug/l	# 84
26) 2,2-Dichloropropane	6.884	77	226234	56.079	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	159059	55.198	ug/l	86
28) Bromochloromethane	7.250	49	117358	62.367	ug/l	# 78
29) Tetrahydrofuran	7.262	42	136499	293.327	ug/l	# 84
30) Chloroform	7.421	83	269043	58.929	ug/l	100
31) Cyclohexane	7.701	56	200588	49.619	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	231773	56.637	ug/l	97
36) 1,1-Dichloropropene	7.835	75	175972	54.896	ug/l	95
37) Ethyl Acetate	6.982	43	91584	55.761	ug/l	# 95
38) Carbon Tetrachloride	7.817	117	197584	54.659	ug/l	99
39) Methylcyclohexane	9.109	83	214585	50.303	ug/l	92
40) Benzene	8.079	78	542138	54.910	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	49156	51.343	ug/l	92
42) 1,2-Dichloroethane	8.158	62	158822	59.781	ug/l	94
43) Isopropyl Acetate	8.195	43	194769	56.445	ug/l #	78
44) Trichloroethene	8.866	130	130611	51.438	ug/l	86
45) 1,2-Dichloropropane	9.140	63	137026	56.769	ug/l	99
46) Dibromomethane	9.231	93	75658	57.318	ug/l	92
47) Bromodichloromethane	9.420	83	205447	57.902	ug/l	99
48) Methyl methacrylate	9.219	41	90536	55.561	ug/l #	83
49) 1,4-Dioxane	9.231	88	17306	1113.725	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	509169	293.303	ug/l	90
52) Toluene	10.170	92	344397	54.237	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	184010	54.403	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	212453	53.943	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	103374	56.711	ug/l	97
56) Ethyl methacrylate	10.438	69	150781	54.454	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	179748	57.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	377964	294.098	ug/l	95
59) 2-Hexanone	10.755	43	366406	287.896	ug/l	88
60) Dibromochloromethane	10.908	129	131604	54.579	ug/l	99
61) 1,2-Dibromoethane	11.011	107	90298	53.167	ug/l	99
64) Tetrachloroethene	10.646	164	111117	50.572	ug/l	94
65) Chlorobenzene	11.438	112	378339	54.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	132810	54.959	ug/l	97
67) Ethyl Benzene	11.518	91	684873	55.226	ug/l	99
68) m/p-Xylenes	11.627	106	504711	107.632	ug/l	92
69) o-Xylene	11.950	106	244984	53.421	ug/l	92
70) Styrene	11.969	104	416296	53.766	ug/l	95
71) Bromoform	12.127	173	71475	51.784	ug/l #	97
73) Isopropylbenzene	12.249	105	666794	53.843	ug/l	99
74) N-amyl acetate	12.066	43	172602	51.247	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.499	83	124705	56.733	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	78158m	48.849	ug/l	
77) Bromobenzene	12.530	156	143173	52.128	ug/l	87
78) n-propylbenzene	12.590	91	806723	54.960	ug/l	98
79) 2-Chlorotoluene	12.676	91	461151	53.909	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	536590	53.298	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	38893	46.665	ug/l	88
82) 4-Chlorotoluene	12.773	91	469064	53.337	ug/l	95
83) tert-Butylbenzene	12.993	119	493699	54.168	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	536539	53.839	ug/l	96
85) sec-Butylbenzene	13.170	105	725337	54.782	ug/l	98
86) p-Isopropyltoluene	13.285	119	586770	54.166	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	286052	53.598	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	282443	53.326	ug/l	97
89) n-Butylbenzene	13.615	91	564691	54.528	ug/l	99
90) Hexachloroethane	13.877	117	113619	50.408	ug/l	91
91) 1,2-Dichlorobenzene	13.651	146	254396	53.416	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	18283	49.907	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	148142	51.144	ug/l	98
94) Hexachlorobutadiene	15.023	225	77397	50.017	ug/l	98
95) Naphthalene	15.139	128	293657	50.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	124642	50.307	ug/l	98

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

