

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019774.D
 Acq On : 02 Oct 2024 18:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/03/2024
 Supervised By : Mahesh Dadoda 10/03/2024

Quant Time: Oct 03 02:09:06 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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	251682	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	393109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	191041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145515	62.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.880%
35) Dibromofluoromethane	7.634	113	143046	56.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.520%
50) Toluene-d8	10.103	98	493338	52.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.401	95	188838	52.684	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	105.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	59141	42.367	ug/l	99
3) Chloromethane	2.068	50	112657	54.102	ug/l	99
4) Vinyl Chloride	2.202	62	127259	56.518	ug/l	100
5) Bromomethane	2.598	94	96168	69.532	ug/l	97
6) Chloroethane	2.732	64	97296	66.100	ug/l	99
7) Trichlorofluoromethane	3.056	101	212750	56.682	ug/l	97
8) Diethyl Ether	3.458	74	76257	60.526	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.818	101	127617	54.963	ug/l	95
10) Methyl Iodide	4.007	142	148519	49.891	ug/l	93
11) Tert butyl alcohol	4.878	59	68676	364.894	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	121492	54.408	ug/l	89
13) Acrolein	3.653	56	10311	105.519	ug/l	94
14) Allyl chloride	4.385	41	226836	56.647	ug/l	# 93
15) Acrylonitrile	5.061	53	187624	345.373	ug/l	99
16) Acetone	3.879	43	155047	279.257	ug/l	# 85
17) Carbon Disulfide	4.110	76	294735	48.853	ug/l	99
18) Methyl Acetate	4.391	43	108737	72.168	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	410003	64.830	ug/l	99
20) Methylene Chloride	4.616	84	152641	60.284	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	139430	56.968	ug/l	86
22) Diisopropyl ether	6.025	45	523232	63.630	ug/l	95
23) Vinyl Acetate	5.964	43	1485027	316.169	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	286308	62.048	ug/l	97
25) 2-Butanone	6.896	43	253220	320.673	ug/l	# 87
26) 2,2-Dichloropropane	6.890	77	231326	55.577	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	182782	61.479	ug/l	88
28) Bromochloromethane	7.244	49	115431	59.455	ug/l	82
29) Tetrahydrofuran	7.262	42	164659	342.953	ug/l	# 85
30) Chloroform	7.421	83	307377	65.254	ug/l	99
31) Cyclohexane	7.701	56	209689	50.275	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	256532	60.759	ug/l	96
36) 1,1-Dichloropropene	7.835	75	192695	56.189	ug/l	96
37) Ethyl Acetate	6.982	43	112886	64.244	ug/l	96
38) Carbon Tetrachloride	7.817	117	217618	56.272	ug/l	100
39) Methylcyclohexane	9.109	83	231065	50.630	ug/l	90
40) Benzene	8.079	78	617560	58.466	ug/l	100

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41) Methacrylonitrile	7.226	41	57168	55.813	ug/l	93
42) 1,2-Dichloroethane	8.158	62	185984	65.435	ug/l	95
43) Isopropyl Acetate	8.195	43	236036	63.939	ug/l #	90
44) Trichloroethene	8.866	130	154391	56.834	ug/l	94
45) 1,2-Dichloropropane	9.140	63	157879	61.139	ug/l	100
46) Dibromomethane	9.231	93	90519	64.101	ug/l	94
47) Bromodichloromethane	9.420	83	238841	62.920	ug/l	97
48) Methyl methacrylate	9.219	41	109725	62.941	ug/l #	84
49) 1,4-Dioxane	9.231	88	21202	1275.385	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	615547	331.436	ug/l	91
52) Toluene	10.170	92	397380	58.496	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	213621	59.035	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	246754	58.563	ug/l #	88
55) 1,1,2-Trichloroethane	10.566	97	123092	63.121	ug/l	98
56) Ethyl methacrylate	10.438	69	185371	62.576	ug/l #	80
57) 1,3-Dichloropropane	10.713	76	212326	63.341	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	446826	324.985	ug/l	96
59) 2-Hexanone	10.755	43	419850	308.354	ug/l	89
60) Dibromochloromethane	10.908	129	157872	61.199	ug/l	99
61) 1,2-Dibromoethane	11.011	107	112514	61.923	ug/l	97
64) Tetrachloroethene	10.646	164	136899	56.237	ug/l	96
65) Chlorobenzene	11.438	112	442880	57.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	155158	57.953	ug/l	98
67) Ethyl Benzene	11.517	91	779334	56.721	ug/l	98
68) m/p-Xylenes	11.627	106	575044	110.686	ug/l	92
69) o-Xylene	11.950	106	285421	56.176	ug/l	94
70) Styrene	11.969	104	489219	57.030	ug/l	96
71) Bromoform	12.127	173	90108	58.925	ug/l #	97
73) Isopropylbenzene	12.249	105	750010	54.115	ug/l	99
74) N-ethyl acetate	12.066	43	217566	57.721	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.499	83	149576	60.804	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	94380m	52.708	ug/l	
77) Bromobenzene	12.529	156	167987	54.651	ug/l	87
78) n-propylbenzene	12.590	91	882819	53.741	ug/l	99
79) 2-Chlorotoluene	12.676	91	518645	54.176	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	609533	54.098	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	47229	50.634	ug/l	89
82) 4-Chlorotoluene	12.773	91	547562	55.635	ug/l	94
83) tert-Butylbenzene	12.993	119	553370	54.251	ug/l	96
84) 1,2,4-Trimethylbenzene	13.036	105	610712	54.758	ug/l	97
85) sec-Butylbenzene	13.170	105	793118	53.524	ug/l	99
86) p-Isopropyltoluene	13.285	119	653690	53.919	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	329664	55.194	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	325932	54.985	ug/l	97
89) n-Butylbenzene	13.615	91	623779	53.821	ug/l	99
90) Hexachloroethane	13.877	117	131686	52.204	ug/l	93
91) 1,2-Dichlorobenzene	13.651	146	299510	56.194	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	23958	58.436	ug/l	81
93) 1,2,4-Trichlorobenzene	14.913	180	169531	52.297	ug/l	98
94) Hexachlorobutadiene	15.017	225	90699	52.373	ug/l	98
95) Naphthalene	15.139	128	360203	55.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	149965	54.083	ug/l	97

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

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