

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020196.D
 Acq On : 07 Nov 2024 10:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
 Supervised By :Semsettin Yesilyurt 11/08/2024

Quant Time: Nov 08 00:24:06 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	7.713	168	221675	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	394769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	345161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	165809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146936	53.110	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	106.220%	
35) Dibromofluoromethane	7.634	113	135404	53.948	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	107.900%	
50) Toluene-d8	10.103	98	521163	52.165	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.320%	
62) 4-Bromofluorobenzene	12.408	95	176143	54.280	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	108.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	93765	45.694	ug/l	95
3) Chloromethane	2.068	50	188801	55.547	ug/l	99
4) Vinyl Chloride	2.202	62	199602	54.702	ug/l	98
5) Bromomethane	2.599	94	134338	55.453	ug/l	98
6) Chloroethane	2.739	64	132646	56.328	ug/l	99
7) Trichlorofluoromethane	3.062	101	234578	52.625	ug/l	99
8) Diethyl Ether	3.458	74	68891	55.412	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	131696	52.674	ug/l	90
10) Methyl Iodide	4.007	142	135363	56.078	ug/l	# 89
11) Tert butyl alcohol	4.885	59	43837	220.279	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	124380	51.995	ug/l	# 77
13) Acrolein	3.653	56	44996	181.632	ug/l	99
14) Allyl chloride	4.385	41	234668	54.373	ug/l	# 90
15) Acrylonitrile	5.061	53	157410	278.145	ug/l	98
16) Acetone	3.879	43	192850	299.737	ug/l	# 85
17) Carbon Disulfide	4.104	76	403740	50.716	ug/l	100
18) Methyl Acetate	4.391	43	81988	54.312	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	335657	55.774	ug/l	97
20) Methylene Chloride	4.616	84	141750	49.044	ug/l	# 80
21) trans-1,2-Dichloroethene	5.122	96	144117	53.420	ug/l	# 83
22) Diisopropyl ether	6.019	45	513833	57.371	ug/l	# 90
23) Vinyl Acetate	5.964	43	1435242	284.751	ug/l	# 90
24) 1,1-Dichloroethane	5.921	63	286319	55.210	ug/l	97
25) 2-Butanone	6.897	43	247856	284.189	ug/l	# 88
26) 2,2-Dichloropropane	6.884	77	237218	54.976	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	171375	55.260	ug/l	83
28) Bromochloromethane	7.244	49	123522	50.866	ug/l	# 72
29) Tetrahydrofuran	7.262	42	139630	277.417	ug/l	# 82
30) Chloroform	7.427	83	285049	55.390	ug/l	96
31) Cyclohexane	7.701	56	246642	49.125	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	247123	55.002	ug/l	95
36) 1,1-Dichloropropene	7.835	75	208280	53.718	ug/l	94
37) Ethyl Acetate	6.988	43	99517	53.835	ug/l	94
38) Carbon Tetrachloride	7.817	117	214519	55.020	ug/l	99
39) Methylcyclohexane	9.110	83	255101	51.840	ug/l	# 84
40) Benzene	8.079	78	626759	55.382	ug/l	98

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41) Methacrylonitrile	7.226	41	56063	60.543	ug/l #	84
42) 1,2-Dichloroethane	8.159	62	175947	56.167	ug/l	94
43) Isopropyl Acetate	8.201	43	196478	55.273	ug/l #	76
44) Trichloroethene	8.866	130	141830	54.073	ug/l	88
45) 1,2-Dichloropropane	9.140	63	153088	56.539	ug/l	97
46) Dibromomethane	9.231	93	82013	55.901	ug/l	88
47) Bromodichloromethane	9.427	83	217302	56.538	ug/l	99
48) Methyl methacrylate	9.219	41	95319	57.891	ug/l #	81
49) 1,4-Dioxane	9.238	88	16991	1124.882	ug/l #	80
51) 4-Methyl-2-Pentanone	10.000	43	524044	286.109	ug/l	89
52) Toluene	10.170	92	388956	55.755	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	197293	58.131	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	234798	57.961	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	104153	57.097	ug/l	96
56) Ethyl methacrylate	10.439	69	153963	58.840	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	185493	55.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	365361	283.127	ug/l	92
59) 2-Hexanone	10.762	43	385799	293.799	ug/l	87
60) Dibromochloromethane	10.914	129	133943	57.604	ug/l	99
61) 1,2-Dibromoethane	11.012	107	94299	55.642	ug/l	98
64) Tetrachloroethene	10.646	164	126336	55.435	ug/l	93
65) Chlorobenzene	11.438	112	411887	56.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	136311	58.011	ug/l	99
67) Ethyl Benzene	11.518	91	771543	56.120	ug/l	98
68) m/p-Xylenes	11.627	106	569697	113.261	ug/l	91
69) o-Xylene	11.957	106	272102	57.138	ug/l	94
70) Styrene	11.969	104	460803	58.523	ug/l	95
71) Bromoform	12.133	173	70544	58.521	ug/l #	98
73) Isopropylbenzene	12.255	105	723134	54.594	ug/l	98
74) N-amyl acetate	12.072	43	187143	56.521	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	124371	53.689	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	91595m	58.931	ug/l	
77) Bromobenzene	12.530	156	149597	55.845	ug/l	83
78) n-propylbenzene	12.597	91	913889	55.438	ug/l	96
79) 2-Chlorotoluene	12.682	91	506302	55.330	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	594404	55.897	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	41114	56.897	ug/l #	86
82) 4-Chlorotoluene	12.780	91	527890	56.580	ug/l	93
83) tert-Butylbenzene	12.999	119	525344	56.496	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	587232	55.753	ug/l	98
85) sec-Butylbenzene	13.176	105	790152	55.352	ug/l	97
86) p-Isopropyltoluene	13.292	119	639400	55.817	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	304145	55.889	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	296351	54.683	ug/l	97
89) n-Butylbenzene	13.621	91	641711	55.882	ug/l	98
90) Hexachloroethane	13.883	117	124411	54.916	ug/l	86
91) 1,2-Dichlorobenzene	13.658	146	263244	55.651	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19294	54.920	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	137684	54.183	ug/l	97
94) Hexachlorobutadiene	15.023	225	76112	54.776	ug/l	99
95) Naphthalene	15.145	128	266543	56.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	114162	52.926	ug/l	97

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

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