

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019806.D
 Acq On : 07 Oct 2024 12:41
 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 :Romaben Patel 10/08/2024
 Supervised By :Mahesh Dadoda 10/08/2024

Quant Time: Oct 08 01:35:37 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	253650	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	180723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130366	55.505	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	111.000%		
35) Dibromofluoromethane	7.634	113	129004	51.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.320%		
50) Toluene-d8	10.103	98	454925	48.777	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.402	95	167269	46.643	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	93.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	56212m	39.703	ug/l	
3) Chloromethane	2.074	50	92999	44.315	ug/l	98
4) Vinyl Chloride	2.208	62	114413	50.419	ug/l	99
5) Bromomethane	2.599	94	77986	55.948	ug/l	99
6) Chloroethane	2.739	64	83209	56.091	ug/l	99
7) Trichlorofluoromethane	3.062	101	188427	49.812	ug/l	92
8) Diethyl Ether	3.458	74	65554	51.627	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.818	101	117326	50.138	ug/l	94
10) Methyl Iodide	4.007	142	120527	40.173	ug/l	91
11) Tert butyl alcohol	4.872	59	56735	299.110	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	105905	47.060	ug/l	84
13) Acrolein	3.659	56	9903	99.843	ug/l	93
14) Allyl chloride	4.385	41	199188	49.356	ug/l	# 92
15) Acrylonitrile	5.061	53	159532	291.384	ug/l	98
16) Acetone	3.873	43	176390	315.233	ug/l	# 82
17) Carbon Disulfide	4.110	76	253833	41.747	ug/l	97
18) Methyl Acetate	4.391	43	86142	56.728	ug/l	# 89
19) Methyl tert-butyl Ether	5.116	73	347900	54.583	ug/l	99
20) Methylene Chloride	4.616	84	127228	49.857	ug/l	# 84
21) trans-1,2-Dichloroethene	5.116	96	122102	49.501	ug/l	88
22) Diisopropyl ether	6.019	45	463323	55.907	ug/l	93
23) Vinyl Acetate	5.964	43	1136410m	240.070	ug/l	
24) 1,1-Dichloroethane	5.915	63	251219	54.021	ug/l	96
25) 2-Butanone	6.890	43	237307	298.189	ug/l	# 86
26) 2,2-Dichloropropane	6.884	77	227368	54.202	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	157909	52.701	ug/l	86
28) Bromochloromethane	7.244	49	122164	62.435	ug/l	# 80
29) Tetrahydrofuran	7.262	42	138070	285.342	ug/l	# 83
30) Chloroform	7.421	83	264651	55.748	ug/l	100
31) Cyclohexane	7.701	56	198408	47.201	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	227618	53.492	ug/l	95
36) 1,1-Dichloropropene	7.835	75	174081	50.736	ug/l	95
37) Ethyl Acetate	6.982	43	97325	55.361	ug/l	97
38) Carbon Tetrachloride	7.817	117	192509	49.755	ug/l	97
39) Methylcyclohexane	9.110	83	217883	47.718	ug/l	# 89
40) Benzene	8.079	78	537134	50.827	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	51315	50.074	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	158226	55.641	ug/l	95
43) Isopropyl Acetate	8.195	43	198115	53.640	ug/l #	79
44) Trichloroethene	8.866	130	132776	48.853	ug/l	92
45) 1,2-Dichloropropane	9.140	63	135596	52.484	ug/l	96
46) Dibromomethane	9.231	93	77062	54.544	ug/l	92
47) Bromodichloromethane	9.420	83	204469	53.838	ug/l	98
48) Methyl methacrylate	9.219	41	91310	52.352	ug/l #	83
49) 1,4-Dioxane	9.225	88	17862	1073.941	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	523189	281.568	ug/l	90
52) Toluene	10.170	92	341944	50.310	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	184359	50.923	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	214149	50.800	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	135068	69.228	ug/l #	61
56) Ethyl methacrylate	10.439	69	154207	52.030	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	180774	53.902	ug/l #	68
58) 2-Chloroethyl Vinyl ether	9.707	63	437811	318.272	ug/l	90
59) 2-Hexanone	10.756	43	380962	279.656	ug/l	88
60) Dibromochloromethane	10.908	129	134119	51.965	ug/l	99
61) 1,2-Dibromoethane	11.012	107	94706	52.096	ug/l	98
64) Tetrachloroethene	10.646	164	112409	48.372	ug/l	95
65) Chlorobenzene	11.438	112	379426	51.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	131094	51.292	ug/l	100
67) Ethyl Benzene	11.518	91	694405	52.943	ug/l	99
68) m/p-Xylenes	11.627	106	512347	103.305	ug/l	100
69) o-Xylene	11.950	106	287876	59.352	ug/l	96
70) Styrene	11.969	104	439188	53.631	ug/l	89
71) Bromoform	12.127	173	74694	51.167	ug/l #	96
73) Isopropylbenzene	12.249	105	668201	50.965	ug/l	98
74) N-amyl acetate	12.066	43	181214	50.821	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	124885	53.665	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	83188m	49.110	ug/l	
77) Bromobenzene	12.530	156	143475	49.341	ug/l	88
78) n-propylbenzene	12.591	91	802835	51.663	ug/l	98
79) 2-Chlorotoluene	12.676	91	468145	51.693	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	568977	53.382	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.304	75	39951	45.277	ug/l #	84
82) 4-Chlorotoluene	12.774	91	473895	50.899	ug/l	94
83) tert-Butylbenzene	12.993	119	527659	54.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	530261	50.259	ug/l	97
85) sec-Butylbenzene	13.170	105	725146	51.731	ug/l	99
86) p-Isopropyltoluene	13.286	119	586146	51.108	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	288175	51.002	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	281782	50.251	ug/l	97
89) n-Butylbenzene	13.615	91	578450	52.759	ug/l	98
90) Hexachloroethane	13.877	117	117100	49.072	ug/l	91
91) 1,2-Dichlorobenzene	13.658	146	257523	51.075	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19483	50.234	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	149474	48.742	ug/l	98
94) Hexachlorobutadiene	15.023	225	80768	49.301	ug/l	99
95) Naphthalene	15.145	128	298558	48.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	128193	48.871	ug/l	98

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

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