

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020131.D
 Acq On : 01 Nov 2024 19:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 04 00:52:50 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	200741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	381353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	338113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142038	56.693	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	113.380%	
35) Dibromofluoromethane	7.634	113	124557	51.372	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	102.740%	
50) Toluene-d8	10.103	98	505765	52.404	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.800%	
62) 4-Bromofluorobenzene	12.401	95	166774	53.201	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	106.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	79709	42.895	ug/l	99
3) Chloromethane	2.068	50	158699	51.560	ug/l	97
4) Vinyl Chloride	2.202	62	169409	51.269	ug/l	100
5) Bromomethane	2.598	94	111797	50.960	ug/l	97
6) Chloroethane	2.739	64	116533	54.646	ug/l	98
7) Trichlorofluoromethane	3.056	101	200280	49.616	ug/l	93
8) Diethyl Ether	3.452	74	62252	55.294	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.818	101	111281	49.151	ug/l	89
10) Methyl Iodide	4.001	142	119853	54.830	ug/l #	90
11) Tert butyl alcohol	4.854	59	37362	207.321	ug/l #	94
12) 1,1-Dichloroethene	3.787	96	110445	50.984	ug/l #	80
13) Acrolein	3.653	56	47980	213.875	ug/l	95
14) Allyl chloride	4.385	41	209005	53.477	ug/l #	88
15) Acrylonitrile	5.061	53	147594	287.997	ug/l	98
16) Acetone	3.872	43	128551	220.636	ug/l #	85
17) Carbon Disulfide	4.104	76	369478	51.252	ug/l	99
18) Methyl Acetate	4.385	43	81788	59.829	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	307856	56.489	ug/l	99
20) Methylene Chloride	4.616	84	130857	49.996	ug/l #	76
21) trans-1,2-Dichloroethene	5.110	96	131318	53.752	ug/l	86
22) Diisopropyl ether	6.018	45	474359	58.487	ug/l #	92
23) Vinyl Acetate	5.964	43	1251749	274.245	ug/l #	89
24) 1,1-Dichloroethane	5.915	63	259668	55.292	ug/l	95
25) 2-Butanone	6.896	43	201715	255.403	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	174440	44.643	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	157105	55.942	ug/l	86
28) Bromochloromethane	7.244	49	113715	51.711	ug/l #	69
29) Tetrahydrofuran	7.262	42	129825	284.835	ug/l #	80
30) Chloroform	7.421	83	260462	55.890	ug/l	98
31) Cyclohexane	7.701	56	214637	47.209	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	214209	52.648	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	180180	48.106	ug/l	95
37) Ethyl Acetate	6.982	43	88495	49.557	ug/l	97
38) Carbon Tetrachloride	7.823	117	184023	48.859	ug/l	99
39) Methylcyclohexane	9.109	83	217732	45.803	ug/l #	87
40) Benzene	8.079	78	569251	52.070	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	47208	52.774	ug/l	90
42) 1,2-Dichloroethane	8.158	62	161408	53.338	ug/l	94
43) Isopropyl Acetate	8.195	43	179576	52.295	ug/l #	77
44) Trichloroethene	8.865	130	126658	49.987	ug/l	87
45) 1,2-Dichloropropane	9.140	63	139992	53.522	ug/l	98
46) Dibromomethane	9.231	93	75400	53.201	ug/l	89
47) Bromodichloromethane	9.420	83	199499	53.732	ug/l	95
48) Methyl methacrylate	9.219	41	84329	53.018	ug/l #	82
49) 1,4-Dioxane	9.225	88	15974	1094.756	ug/l #	73
51) 4-Methyl-2-Pentanone	9.999	43	486931	275.199	ug/l	88
52) Toluene	10.170	92	355019	52.681	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	172984	52.761	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	208955	53.396	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	97815	55.509	ug/l	95
56) Ethyl methacrylate	10.438	69	137419	54.365	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	175685	54.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	372286	298.642	ug/l	92
59) 2-Hexanone	10.761	43	326017	257.008	ug/l	87
60) Dibromochloromethane	10.908	129	123632	55.040	ug/l	98
61) 1,2-Dibromoethane	11.011	107	88113	53.821	ug/l	99
64) Tetrachloroethene	10.646	164	122798	55.006	ug/l	94
65) Chlorobenzene	11.438	112	371991	51.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	123443	53.630	ug/l	98
67) Ethyl Benzene	11.517	91	693067	51.463	ug/l	97
68) m/p-Xylenes	11.627	106	512880	104.091	ug/l	92
69) o-Xylene	11.950	106	244475	52.407	ug/l	91
70) Styrene	11.969	104	418996	54.323	ug/l	96
71) Bromoform	12.127	173	64775	54.855	ug/l #	97
73) Isopropylbenzene	12.255	105	638529	48.005	ug/l	97
74) N-ethyl acetate	12.066	43	169733	51.048	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	114563	49.248	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	78409m	50.236	ug/l	
77) Bromobenzene	12.529	156	133870	49.765	ug/l	83
78) n-propylbenzene	12.590	91	791273	47.799	ug/l	97
79) 2-Chlorotoluene	12.676	91	449221	48.886	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	523229	48.997	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	33205	45.760	ug/l #	84
82) 4-Chlorotoluene	12.773	91	467805	49.930	ug/l	94
83) tert-Butylbenzene	12.999	119	462128	49.490	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	530617	50.167	ug/l	95
85) sec-Butylbenzene	13.176	105	683273	47.664	ug/l	97
86) p-Isopropyltoluene	13.292	119	552039	47.989	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	275375	50.390	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	271651	49.916	ug/l	96
89) n-Butylbenzene	13.615	91	543628	47.143	ug/l	97
90) Hexachloroethane	13.877	117	106987	47.027	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	238794	50.271	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16899	47.901	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	122967	48.189	ug/l	96
94) Hexachlorobutadiene	15.023	225	63183	45.281	ug/l	96
95) Naphthalene	15.145	128	243273	51.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	105210	48.571	ug/l	98

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

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