

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020156.D
 Acq On : 05 Nov 2024 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 06 00:20:19 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 11/06/2024
 Supervised By :Mahesh Dadoda 11/06/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	225009	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	401975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	355083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	168598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141153	50.264	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	100.520%	
35) Dibromofluoromethane	7.640	113	131978	51.640	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	103.280%	
50) Toluene-d8	10.109	98	509885	50.121	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	100.240%	
62) 4-Bromofluorobenzene	12.402	95	171446	51.885	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	103.780%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	103611	49.744	ug/l	96
3) Chloromethane	2.074	50	187465	54.336	ug/l	100
4) Vinyl Chloride	2.208	62	200731	54.196	ug/l	97
5) Bromomethane	2.598	94	130524	53.080	ug/l	99
6) Chloroethane	2.739	64	133263	55.752	ug/l	98
7) Trichlorofluoromethane	3.062	101	244606	54.061	ug/l	95
8) Diethyl Ether	3.458	74	70316	55.720	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.818	101	135854	53.532	ug/l	91
10) Methyl Iodide	4.007	142	136525	55.721	ug/l	# 89
11) Tert butyl alcohol	4.860	59	44066	218.149	ug/l	# 78
12) 1,1-Dichloroethene	3.793	96	130136	53.595	ug/l	# 78
13) Acrolein	3.653	56	42242	167.989	ug/l	100
14) Allyl chloride	4.385	41	250292	57.134	ug/l	# 90
15) Acrylonitrile	5.061	53	158909	276.633	ug/l	98
16) Acetone	3.867	43	197893	303.017	ug/l	# 83
17) Carbon Disulfide	4.110	76	432746	53.554	ug/l	98
18) Methyl Acetate	4.385	43	84021	54.834	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	348275	57.013	ug/l	98
20) Methylene Chloride	4.622	84	148786	50.715	ug/l	# 80
21) trans-1,2-Dichloroethene	5.116	96	154451	56.402	ug/l	# 84
22) Diisopropyl ether	6.019	45	531352	58.448	ug/l	# 92
23) Vinyl Acetate	5.964	43	1476611	288.618	ug/l	# 89
24) 1,1-Dichloroethane	5.921	63	301406	57.258	ug/l	96
25) 2-Butanone	6.896	43	257521	290.896	ug/l	# 83
26) 2,2-Dichloropropane	6.884	77	247112	56.421	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	181001	57.499	ug/l	83
28) Bromochloromethane	7.250	49	136893	55.537	ug/l	# 70
29) Tetrahydrofuran	7.262	42	141894	277.738	ug/l	# 81
30) Chloroform	7.421	83	301174	57.656	ug/l	98
31) Cyclohexane	7.701	56	259770	50.973	ug/l	85
32) 1,1,1-Trichloroethane	7.622	97	256247	56.187	ug/l	# 93
36) 1,1-Dichloropropene	7.835	75	217477	55.085	ug/l	95
37) Ethyl Acetate	6.988	43	98016	52.073	ug/l	97
38) Carbon Tetrachloride	7.823	117	223394	56.269	ug/l	99
39) Methylcyclohexane	9.109	83	268791	53.643	ug/l	# 88
40) Benzene	8.079	78	654480	56.795	ug/l	100

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41) Methacrylonitrile	7.226	41	58815	62.376	ug/l #	76
42) 1,2-Dichloroethane	8.158	62	180381	56.550	ug/l	94
43) Isopropyl Acetate	8.201	43	198846	54.936	ug/l #	77
44) Trichloroethene	8.866	130	149129	55.836	ug/l	89
45) 1,2-Dichloropropane	9.140	63	156817	56.878	ug/l	99
46) Dibromomethane	9.231	93	82072	54.938	ug/l	90
47) Bromodichloromethane	9.420	83	229942	58.755	ug/l #	98
48) Methyl methacrylate	9.219	41	97010	57.862	ug/l #	81
49) 1,4-Dioxane	9.231	88	16689	1085.081	ug/l #	81
51) 4-Methyl-2-Pentanone	10.000	43	521676	279.710	ug/l	89
52) Toluene	10.170	92	413019	58.143	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	200766	58.094	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	240119	58.212	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	107904	58.093	ug/l	96
56) Ethyl methacrylate	10.439	69	153201	57.499	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	196872	57.878	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	368144	280.169	ug/l	92
59) 2-Hexanone	10.762	43	390051	291.713	ug/l	86
60) Dibromochloromethane	10.908	129	138445	58.473	ug/l	100
61) 1,2-Dibromoethane	11.012	107	97069	56.249	ug/l	98
64) Tetrachloroethene	10.646	164	131580	56.123	ug/l	96
65) Chlorobenzene	11.438	112	431143	56.984	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	139092	57.541	ug/l	98
67) Ethyl Benzene	11.518	91	809223	57.216	ug/l	99
68) m/p-Xylenes	11.627	106	598071	115.580	ug/l	91
69) o-Xylene	11.957	106	281072	57.373	ug/l	91
70) Styrene	11.969	104	480083	59.268	ug/l	96
71) Bromoform	12.133	173	72598	58.542	ug/l #	95
73) Isopropylbenzene	12.255	105	760328	56.452	ug/l	98
74) N-amyl acetate	12.066	43	186237	55.317	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	126050	53.513	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	86727m	54.876	ug/l	
77) Bromobenzene	12.530	156	152757	56.081	ug/l	84
78) n-propylbenzene	12.597	91	942791	56.245	ug/l	97
79) 2-Chlorotoluene	12.676	91	525350	56.462	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	616785	57.042	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	40685	55.372	ug/l #	83
82) 4-Chlorotoluene	12.773	91	543317	57.270	ug/l	93
83) tert-Butylbenzene	12.999	119	549795	58.148	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	611291	57.077	ug/l	96
85) sec-Butylbenzene	13.176	105	824618	56.811	ug/l	98
86) p-Isopropyltoluene	13.292	119	666096	57.186	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	317340	57.349	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	301267	54.671	ug/l	96
89) n-Butylbenzene	13.615	91	663999	56.867	ug/l	97
90) Hexachloroethane	13.877	117	132062	57.329	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	271283	56.402	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	191110	53.496	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	140684	54.448	ug/l	98
94) Hexachlorobutadiene	15.023	225	76922	54.443	ug/l	98
95) Naphthalene	15.145	128	263524	54.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	119243	54.367	ug/l	99

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

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