

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103024\
 Data File : VY020080.D
 Acq On : 30 Oct 2024 14:52
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 30 15:05:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 14:00:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	264324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	464829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	410851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	189466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	513131	159.809	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	319.620%#	
35) Dibromofluoromethane	7.634	113	473607	166.018	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	332.040%#	
50) Toluene-d8	10.103	98	1901637	168.741	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	337.480%#	
62) 4-Bromofluorobenzene	12.402	95	632951	175.829	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	351.660%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	367153	149.502	ug/l	98
3) Chloromethane	2.068	50	577439	139.123	ug/l	99
4) Vinyl Chloride	2.202	62	633528	143.945	ug/l	98
5) Bromomethane	2.586	94	418638	142.061	ug/l	99
6) Chloroethane	2.732	64	405582	142.820	ug/l	98
7) Trichlorofluoromethane	3.056	101	804100	151.851	ug/l	96
8) Diethyl Ether	3.452	74	236804	164.824	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.818	101	447736	150.052	ug/l	91
10) Methyl Iodide	4.001	142	464092	166.878	ug/l	# 90
11) Tert butyl alcohol	4.866	59	154213	615.794	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	437783	154.648	ug/l	# 77
13) Acrolein	3.653	56	222317	766.398	ug/l	99
14) Allyl chloride	4.385	41	815140	162.209	ug/l	# 90
15) Acrylonitrile	5.055	53	532102	817.722	ug/l	99
16) Acetone	3.866	43	615168	845.930	ug/l	# 85
17) Carbon Disulfide	4.104	76	1456308	155.090	ug/l	100
18) Methyl Acetate	4.385	43	270939	153.074	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	1166714	170.073	ug/l	96
20) Methylene Chloride	4.610	84	473057	131.706	ug/l	# 81
21) trans-1,2-Dichloroethene	5.110	96	498356	156.706	ug/l	# 83
22) Diisopropyl ether	6.019	45	1712860	166.319	ug/l	91
23) Vinyl Acetate	5.958	43	4953304	871.948	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	951564	155.708	ug/l	96
25) 2-Butanone	6.890	43	817694	819.771	ug/l	# 84
26) 2,2-Dichloropropane	6.884	77	795976	156.450	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	583766	162.347	ug/l	83
28) Bromochloromethane	7.244	49	449704	157.093	ug/l	# 73
29) Tetrahydrofuran	7.262	42	474645	828.165	ug/l	# 82
30) Chloroform	7.421	83	953842	158.077	ug/l	100
31) Cyclohexane	7.701	56	862973	141.540	ug/l	86
32) 1,1,1-Trichloroethane	7.616	97	847338	161.468	ug/l	96
36) 1,1-Dichloropropene	7.835	75	711249	159.013	ug/l	94
37) Ethyl Acetate	6.982	43	333510	157.506	ug/l	# 94
38) Carbon Tetrachloride	7.817	117	731039	163.871	ug/l	99
39) Methylcyclohexane	9.109	83	921465	164.246	ug/l	# 88
40) Benzene	8.079	78	2088865	160.528	ug/l	99

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41) Methacrylonitrile	7.220	41	176781	124.237	ug/l	88
42) 1,2-Dichloroethane	8.158	62	582749	163.063	ug/l	94
43) Isopropyl Acetate	8.195	43	679605	171.562	ug/l #	78
44) Trichloroethene	8.866	130	482450	159.766	ug/l	88
45) 1,2-Dichloropropane	9.140	63	508168	164.358	ug/l	96
46) Dibromomethane	9.231	93	273750	163.933	ug/l	89
47) Bromodichloromethane	9.420	83	727941	167.201	ug/l	98
48) Methyl methacrylate	9.219	41	328446	183.056	ug/l #	81
49) 1,4-Dioxane	9.225	88	58592	3527.312	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	1759800	869.690	ug/l	90
52) Toluene	10.170	92	1328982	168.421	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	678432	181.736	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	798700	177.804	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	345498	168.601	ug/l	96
56) Ethyl methacrylate	10.438	69	541087	193.260	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	626765	165.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	1258516	881.311	ug/l	92
59) 2-Hexanone	10.755	43	1268082	883.076	ug/l	88
60) Dibromochloromethane	10.908	129	455170	176.635	ug/l	100
61) 1,2-Dibromoethane	11.012	107	317856	165.371	ug/l	99
64) Tetrachloroethene	10.646	164	422849	159.062	ug/l	92
65) Chlorobenzene	11.438	112	1384830	162.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	456266	169.965	ug/l	99
67) Ethyl Benzene	11.518	91	2617908	165.261	ug/l	98
68) m/p-Xylenes	11.627	106	1926635	333.611	ug/l	91
69) o-Xylene	11.950	106	917838	168.666	ug/l	91
70) Styrene	11.969	104	1569103	177.165	ug/l	96
71) Bromoform	12.127	173	240850	180.255	ug/l #	97
73) Isopropylbenzene	12.249	105	2439942	165.379	ug/l	98
74) N-amyl acetate	12.066	43	665656	191.782	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	408694	157.141	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	271515m	85.825	ug/l	
77) Bromobenzene	12.530	156	492090	165.517	ug/l	82
78) n-propylbenzene	12.591	91	2991377	162.082	ug/l	97
79) 2-Chlorotoluene	12.676	91	1681376	164.578	ug/l	93
80) 1,3,5-Trimethylbenzene	12.731	105	1967127	166.529	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	137971	176.265	ug/l #	87
82) 4-Chlorotoluene	12.773	91	1719250	165.709	ug/l	94
83) tert-Butylbenzene	12.993	119	1718909	166.274	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	1981367	170.976	ug/l	96
85) sec-Butylbenzene	13.170	105	2613388	164.305	ug/l	97
86) p-Isopropyltoluene	13.285	119	2161709	171.493	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	1008488	167.149	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	975162	160.247	ug/l	96
89) n-Butylbenzene	13.615	91	2158102	171.071	ug/l	98
90) Hexachloroethane	13.877	117	421230	168.105	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	869621	165.525	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	63821	164.750	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	508720	189.243	ug/l	97
94) Hexachlorobutadiene	15.023	225	259405	170.763	ug/l	98
95) Naphthalene	15.139	128	1003119	208.860	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	428513	187.541	ug/l	98

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

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