

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020224.D
 Acq On : 08 Nov 2024 11:41
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 22:16:14 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	7.707	168	271139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	485080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	193395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195685	57.827	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	115.660%	
35) Dibromofluoromethane	7.634	113	170852	55.397	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	110.800%	
50) Toluene-d8	10.103	98	667038	54.336	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	108.680%	
62) 4-Bromofluorobenzene	12.402	95	221103	55.449	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	110.900%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	49920	19.889	ug/l	97
3) Chloromethane	2.068	50	82312	19.799	ug/l	96
4) Vinyl Chloride	2.202	62	91155	20.424	ug/l	98
5) Bromomethane	2.592	94	62724	21.168	ug/l	98
6) Chloroethane	2.733	64	61200	21.247	ug/l	97
7) Trichlorofluoromethane	3.056	101	123063	22.571	ug/l	96
8) Diethyl Ether	3.458	74	34394	22.618	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.818	101	65701	21.484	ug/l	91
10) Methyl Iodide	4.001	142	62944	21.319	ug/l	# 90
11) Tert butyl alcohol	4.860	59	29773	122.315	ug/l	100
12) 1,1-Dichloroethene	3.787	96	61754	21.106	ug/l	# 80
13) Acrolein	3.653	56	25340	83.628	ug/l	99
14) Allyl chloride	4.385	41	109811	20.802	ug/l	# 89
15) Acrylonitrile	5.055	53	82269	118.850	ug/l	97
16) Acetone	3.873	43	90104	114.496	ug/l	# 84
17) Carbon Disulfide	4.110	76	175241	17.997	ug/l	100
18) Methyl Acetate	4.391	43	45306	24.537	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	173941	23.630	ug/l	99
20) Methylene Chloride	4.616	84	72163	20.413	ug/l	# 83
21) trans-1,2-Dichloroethene	5.116	96	67144	20.348	ug/l	# 81
22) Diisopropyl ether	6.019	45	242120	22.102	ug/l	# 90
23) Vinyl Acetate	5.964	43	680864	110.440	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	136567	21.530	ug/l	96
25) 2-Butanone	6.897	43	123748	116.003	ug/l	89
26) 2,2-Dichloropropane	6.890	77	111309	21.090	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	80096	21.115	ug/l	81
28) Bromochloromethane	7.244	49	52704	17.744	ug/l	# 76
29) Tetrahydrofuran	7.262	42	73648	119.630	ug/l	# 82
30) Chloroform	7.421	83	137707	21.877	ug/l	97
31) Cyclohexane	7.701	56	117110	19.070	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	118105	21.491	ug/l	# 93
36) 1,1-Dichloropropene	7.835	75	95406	20.025	ug/l	95
37) Ethyl Acetate	6.982	43	51726	22.772	ug/l	96
38) Carbon Tetrachloride	7.817	117	100682	21.015	ug/l	95
39) Methylcyclohexane	9.110	83	119168	19.708	ug/l	90
40) Benzene	8.079	78	289675	20.831	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	24800	21.796	ug/l	92
42) 1,2-Dichloroethane	8.159	62	86471	22.465	ug/l	94
43) Isopropyl Acetate	8.201	43	99253	22.723	ug/l #	90
44) Trichloroethene	8.866	130	68099	21.129	ug/l	91
45) 1,2-Dichloropropane	9.140	63	72909	21.914	ug/l	97
46) Dibromomethane	9.231	93	39224	21.758	ug/l #	88
47) Bromodichloromethane	9.420	83	104768	22.184	ug/l	97
48) Methyl methacrylate	9.219	41	47828	23.640	ug/l #	82
49) 1,4-Dioxane	9.225	88	9508	512.279	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	271628	120.689	ug/l	89
52) Toluene	10.170	92	183058	21.355	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	92142	22.094	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	107858	21.668	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	51284	22.880	ug/l	95
56) Ethyl methacrylate	10.439	69	73975	23.007	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	93073	22.675	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	182559	115.131	ug/l	92
59) 2-Hexanone	10.762	43	187054	115.928	ug/l	86
60) Dibromochloromethane	10.908	129	65059	22.770	ug/l	100
61) 1,2-Dibromoethane	11.012	107	46897	22.520	ug/l	99
64) Tetrachloroethene	10.646	164	58916	21.386	ug/l	91
65) Chlorobenzene	11.438	112	190748	21.456	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	64037	22.545	ug/l	98
67) Ethyl Benzene	11.518	91	352732	21.225	ug/l	97
68) m/p-Xylenes	11.627	106	258647	42.539	ug/l	91
69) o-Xylene	11.957	106	123837	21.512	ug/l	93
70) Styrene	11.969	104	207317	21.781	ug/l	95
71) Bromoform	12.133	173	34348	23.572	ug/l #	96
73) Isopropylbenzene	12.255	105	334466	21.649	ug/l	97
74) N-ethyl acetate	12.072	43	88072	22.805	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	61424	22.733	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	43978m	24.259	ug/l	
77) Bromobenzene	12.530	156	68337	21.871	ug/l	81
78) n-propylbenzene	12.597	91	410166	21.332	ug/l	96
79) 2-Chlorotoluene	12.676	91	228128	21.374	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	267878	21.597	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	18151	21.536	ug/l #	75
82) 4-Chlorotoluene	12.774	91	237233	21.800	ug/l	94
83) tert-Butylbenzene	12.999	119	238522	21.992	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	262514	21.368	ug/l	96
85) sec-Butylbenzene	13.176	105	357370	21.464	ug/l	97
86) p-Isopropyltoluene	13.292	119	286887	21.472	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	137025	21.588	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	133887	21.181	ug/l	95
89) n-Butylbenzene	13.615	91	281888	21.046	ug/l	97
90) Hexachloroethane	13.883	117	57610	21.802	ug/l	81
91) 1,2-Dichlorobenzene	13.658	146	121185	21.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9590	23.404	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	62072	20.943	ug/l	97
94) Hexachlorobutadiene	15.023	225	33501	20.671	ug/l	97
95) Naphthalene	15.145	128	122076	22.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	51280	20.382	ug/l	98

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

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