

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020349.D
 Acq On : 20 Nov 2024 10:53
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Quant Time: Nov 21 00:43:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	210349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	347339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	288195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	135305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104695	43.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.640%
35) Dibromofluoromethane	7.634	113	92069	41.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.680%
50) Toluene-d8	10.109	98	374295	42.662	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.320%
62) 4-Bromofluorobenzene	12.408	95	124792	44.246	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	44542	21.815	ug/l	96
3) Chloromethane	2.074	50	47600	14.524	ug/l	97
4) Vinyl Chloride	2.208	62	44857	16.014	ug/l	99
5) Bromomethane	2.598	94	23155	16.552	ug/l	97
6) Chloroethane	2.739	64	26010	15.918	ug/l	100
7) Trichlorofluoromethane	3.062	101	74348	19.100	ug/l	97
8) Diethyl Ether	3.458	74	21497	17.504	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	42301	18.248	ug/l	99
10) Methyl Iodide	4.007	142	53198	17.133	ug/l	94
11) Tert butyl alcohol	4.860	59	15294	80.697	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	41036	17.883	ug/l	99
13) Acrolein	3.659	56	17734	118.509	ug/l	99
14) Allyl chloride	4.385	41	77268	17.413	ug/l	93
15) Acrylonitrile	5.067	53	48016	88.443	ug/l	99
16) Acetone	3.873	43	49582	85.583	ug/l	95
17) Carbon Disulfide	4.110	76	132661	17.160	ug/l	98
18) Methyl Acetate	4.391	43	22014	16.301	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	104902	17.598	ug/l	99
20) Methylene Chloride	4.622	84	42492	17.320	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	43797	17.185	ug/l	86
22) Diisopropyl ether	6.025	45	153700	17.577	ug/l	98
23) Vinyl Acetate	5.964	43	423950	86.755	ug/l	98
24) 1,1-Dichloroethane	5.921	63	86954	17.614	ug/l	99
25) 2-Butanone	6.902	43	69106	92.655	ug/l	96
26) 2,2-Dichloropropane	6.890	77	77244	18.932	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	50560	18.011	ug/l	96
28) Bromochloromethane	7.250	49	36015	17.334	ug/l	95
29) Tetrahydrofuran	7.268	42	40198	90.176	ug/l	98
30) Chloroform	7.427	83	83960	17.613	ug/l	98
31) Cyclohexane	7.707	56	83104	18.447	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	78369	18.723	ug/l	99
36) 1,1-Dichloropropene	7.841	75	65647	19.298	ug/l	97
37) Ethyl Acetate	6.988	43	29576	18.979	ug/l	98
38) Carbon Tetrachloride	7.823	117	71712	20.190	ug/l	97
39) Methylcyclohexane	9.109	83	82939	19.481	ug/l	97
40) Benzene	8.085	78	188187	18.877	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15336	17.296	ug/l	98
42) 1,2-Dichloroethane	8.158	62	51081	18.983	ug/l	98
43) Isopropyl Acetate	8.201	43	56097	18.511	ug/l	98
44) Trichloroethene	8.866	130	43825	18.554	ug/l	96
45) 1,2-Dichloropropane	9.146	63	43294	18.202	ug/l	98
46) Dibromomethane	9.231	93	22071	18.104	ug/l	99
47) Bromodichloromethane	9.426	83	61888	18.390	ug/l	96
48) Methyl methacrylate	9.225	41	26668	18.406	ug/l	96
49) 1,4-Dioxane	9.231	88	4839	385.821	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	143304	93.180	ug/l	99
52) Toluene	10.170	92	115311	18.924	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	57785	18.158	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	68828	18.893	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	28937	17.882	ug/l	99
56) Ethyl methacrylate	10.438	69	42601	17.530	ug/l	99
57) 1,3-Dichloropropane	10.719	76	53070	18.248	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	117864	102.283	ug/l	100
59) 2-Hexanone	10.762	43	103150	94.718	ug/l	100
60) Dibromochloromethane	10.914	129	37413	17.937	ug/l	95
61) 1,2-Dibromoethane	11.018	107	26457	17.644	ug/l	100
64) Tetrachloroethene	10.652	164	38299	18.436	ug/l	95
65) Chlorobenzene	11.444	112	117902	18.348	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	40272	18.761	ug/l	98
67) Ethyl Benzene	11.524	91	222103	18.736	ug/l	99
68) m/p-Xylenes	11.627	106	162580	38.075	ug/l	97
69) o-Xylene	11.956	106	75181	18.563	ug/l	95
70) Styrene	11.969	104	129129	19.190	ug/l	98
71) Bromoform	12.133	173	20923	18.702	ug/l #	98
73) Isopropylbenzene	12.255	105	211498	18.452	ug/l	100
74) N-amyl acetate	12.072	43	49071	17.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	31996	17.272	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	21610m	16.945	ug/l	
77) Bromobenzene	12.536	156	42295	17.613	ug/l	94
78) n-propylbenzene	12.597	91	254825	18.525	ug/l	100
79) 2-Chlorotoluene	12.682	91	141572	17.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	171185	18.480	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	11591	17.809	ug/l	98
82) 4-Chlorotoluene	12.779	91	145630	17.841	ug/l	98
83) tert-Butylbenzene	12.999	119	150086	18.360	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	168413	18.338	ug/l	99
85) sec-Butylbenzene	13.176	105	221967	17.224	ug/l	100
86) p-Isopropyltoluene	13.298	119	188045	18.872	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	86339	17.781	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	83938	18.093	ug/l	98
89) n-Butylbenzene	13.621	91	178851	18.744	ug/l	100
90) Hexachloroethane	13.883	117	34199	17.783	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	72425	17.902	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5270	17.337	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	44429	18.163	ug/l	99
94) Hexachlorobutadiene	15.029	225	29500	19.758	ug/l	98
95) Naphthalene	15.151	128	77085	18.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	38068	18.202	ug/l	99

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

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