

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020223.D
 Acq On : 08 Nov 2024 11:19
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Quant Time: Nov 08 22:15:12 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 11/11/2024
 Supervised By :Mahesh Dadoda 11/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	263593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	480169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	412478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	187903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166958	50.750	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	101.500%	
35) Dibromofluoromethane	7.640	113	152271	49.878	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	99.760%	
50) Toluene-d8	10.109	98	597036	49.131	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	98.260%	
62) 4-Bromofluorobenzene	12.407	95	197404	50.012	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	100.020%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	41942	17.189	ug/l	99
3) Chloromethane	2.068	50	74994	18.555	ug/l	97
4) Vinyl Chloride	2.208	62	83860	19.328	ug/l	97
5) Bromomethane	2.592	94	58071	20.159	ug/l	97
6) Chloroethane	2.738	64	55691	19.888	ug/l	99
7) Trichlorofluoromethane	3.055	101	113368	21.388	ug/l	100
8) Diethyl Ether	3.452	74	32149	21.747	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.811	101	61221	20.593	ug/l	91
10) Methyl Iodide	4.007	142	55945	19.491	ug/l	# 89
11) Tert butyl alcohol	4.854	59	27360	115.620	ug/l	# 87
12) 1,1-Dichloroethene	3.793	96	57422	20.187	ug/l	# 81
13) Acrolein	3.659	56	24893	84.504	ug/l	98
14) Allyl chloride	4.385	41	100635	19.609	ug/l	# 88
15) Acrylonitrile	5.061	53	72500	107.736	ug/l	99
16) Acetone	3.872	43	78002	101.955	ug/l	87
17) Carbon Disulfide	4.104	76	161575	17.069	ug/l	99
18) Methyl Acetate	4.391	43	37350	20.807	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	155652	21.751	ug/l	99
20) Methylene Chloride	4.616	84	63508	18.479	ug/l	# 77
21) trans-1,2-Dichloroethene	5.116	96	64368	20.065	ug/l	88
22) Diisopropyl ether	6.018	45	222674	20.909	ug/l	# 88
23) Vinyl Acetate	5.957	43	611393	102.010	ug/l	# 90
24) 1,1-Dichloroethane	5.915	63	126778	20.558	ug/l	95
25) 2-Butanone	6.896	43	108472	104.594	ug/l	# 87
26) 2,2-Dichloropropane	6.890	77	103895	20.249	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	75534	20.483	ug/l	83
28) Bromochloromethane	7.244	49	57361	19.865	ug/l	# 73
29) Tetrahydrofuran	7.262	42	62887	105.075	ug/l	# 83
30) Chloroform	7.421	83	128990	21.079	ug/l	100
31) Cyclohexane	7.701	56	110296	18.475	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	112619	21.079	ug/l	96
36) 1,1-Dichloropropene	7.835	75	89258	18.927	ug/l	95
37) Ethyl Acetate	6.988	43	46750	20.792	ug/l	97
38) Carbon Tetrachloride	7.817	117	95298	20.095	ug/l	98
39) Methylcyclohexane	9.109	83	111001	18.545	ug/l	# 90
40) Benzene	8.079	78	272265	19.779	ug/l	100

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41) Methacrylonitrile	7.213	41	21885m	19.430	ug/l	
42) 1,2-Dichloroethane	8.158	62	77775	20.412	ug/l	93
43) Isopropyl Acetate	8.201	43	87572	20.254	ug/l #	91
44) Trichloroethene	8.865	130	62736	19.664	ug/l	93
45) 1,2-Dichloropropane	9.146	63	67580	20.520	ug/l	97
46) Dibromomethane	9.231	93	36747	20.592	ug/l #	87
47) Bromodichloromethane	9.420	83	96743	20.694	ug/l	98
48) Methyl methacrylate	9.219	41	40024	19.985	ug/l #	83
49) 1,4-Dioxane	9.231	88	8212	446.978	ug/l #	83
51) 4-Methyl-2-Pentanone	9.999	43	229754	103.128	ug/l	89
52) Toluene	10.170	92	168972	19.914	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	82563	20.000	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	99987	20.292	ug/l #	84
55) 1,1,2-Trichloroethane	10.572	97	45502	20.508	ug/l	88
56) Ethyl methacrylate	10.438	69	65582	20.606	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	84197	20.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	160759	102.420	ug/l	93
59) 2-Hexanone	10.761	43	161836	101.324	ug/l	87
60) Dibromochloromethane	10.908	129	58416	20.654	ug/l	98
61) 1,2-Dibromoethane	11.011	107	42135	20.440	ug/l	99
64) Tetrachloroethene	10.646	164	55766	20.476	ug/l	92
65) Chlorobenzene	11.444	112	176523	20.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	58298	20.761	ug/l	98
67) Ethyl Benzene	11.517	91	325752	19.828	ug/l	97
68) m/p-Xylenes	11.627	106	244337	40.649	ug/l	92
69) o-Xylene	11.956	106	113780	19.993	ug/l	91
70) Styrene	11.969	104	194693	20.691	ug/l	96
71) Bromoform	12.133	173	30755	21.350	ug/l #	97
73) Isopropylbenzene	12.255	105	309233	20.601	ug/l	98
74) N-ethyl acetate	12.072	43	75918	20.233	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	54990	20.947	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	35235m	20.004	ug/l	
77) Bromobenzene	12.536	156	61738	20.337	ug/l	81
78) n-propylbenzene	12.596	91	384577	20.586	ug/l	96
79) 2-Chlorotoluene	12.682	91	213334	20.572	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	252266	20.933	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	16355	19.972	ug/l #	77
82) 4-Chlorotoluene	12.779	91	223419	21.131	ug/l	93
83) tert-Butylbenzene	12.999	119	222484	21.113	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	247789	20.759	ug/l	96
85) sec-Butylbenzene	13.176	105	332551	20.557	ug/l	98
86) p-Isopropyltoluene	13.291	119	269447	20.756	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	128275	20.800	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	126506	20.598	ug/l	96
89) n-Butylbenzene	13.621	91	266030	20.443	ug/l	97
90) Hexachloroethane	13.883	117	52805	20.568	ug/l	82
91) 1,2-Dichlorobenzene	13.663	146	109921	20.506	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8552	21.481	ug/l	68
93) 1,2,4-Trichlorobenzene	14.925	180	56984	19.788	ug/l	97
94) Hexachlorobutadiene	15.023	225	30714	19.505	ug/l	99
95) Naphthalene	15.145	128	106502	19.785	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	46837	19.161	ug/l	99

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

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