

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020112.D
 Acq On : 01 Nov 2024 11:12
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

Quant Time: Nov 01 16:02:34 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	251864	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	454799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	392733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	182188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164194	52.234	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	104.460%	
35) Dibromofluoromethane	7.634	113	149298	51.632	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	103.260%	
50) Toluene-d8	10.103	98	592808	51.504	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	103.000%	
62) 4-Bromofluorobenzene	12.401	95	191535	51.232	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	102.460%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	47830	20.515	ug/l	96
3) Chloromethane	2.068	50	85457	22.129	ug/l	98
4) Vinyl Chloride	2.208	62	88435	21.331	ug/l	99
5) Bromomethane	2.592	94	56487	20.522	ug/l	97
6) Chloroethane	2.739	64	56823	21.238	ug/l	98
7) Trichlorofluoromethane	3.062	101	109471	21.615	ug/l	99
8) Diethyl Ether	3.464	74	30708	21.739	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.812	101	61078	21.501	ug/l	89
10) Methyl Iodide	4.007	142	55452	20.219	ug/l	90
11) Tert butyl alcohol	4.854	59	22527	99.629	ug/l #	80
12) 1,1-Dichloroethene	3.793	96	56492	20.785	ug/l #	75
13) Acrolein	3.653	56	28044	99.634	ug/l	97
14) Allyl chloride	4.385	41	104832	21.378	ug/l #	87
15) Acrylonitrile	5.055	53	70794	110.100	ug/l	96
16) Acetone	3.866	43	77256	105.683	ug/l #	81
17) Carbon Disulfide	4.110	76	188179	20.805	ug/l	98
18) Methyl Acetate	4.385	43	37554	21.895	ug/l #	86
19) Methyl tert-butyl Ether	5.116	73	143362	20.966	ug/l #	89
20) Methylene Chloride	4.616	84	64546	19.655	ug/l #	85
21) trans-1,2-Dichloroethene	5.110	96	64187	20.940	ug/l	87
22) Diisopropyl ether	6.018	45	220719	21.690	ug/l #	87
23) Vinyl Acetate	5.957	43	608830	106.313	ug/l #	89
24) 1,1-Dichloroethane	5.915	63	124177	21.074	ug/l	95
25) 2-Butanone	6.890	43	104678	105.636	ug/l #	81
26) 2,2-Dichloropropane	6.890	77	98522	20.096	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	73054	20.733	ug/l	80
28) Bromochloromethane	7.244	49	55177	19.998	ug/l #	70
29) Tetrahydrofuran	7.262	42	63063	110.276	ug/l #	81
30) Chloroform	7.421	83	126158	21.576	ug/l	97
31) Cyclohexane	7.701	56	116316	20.390	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	105811	20.727	ug/l #	91
36) 1,1-Dichloropropene	7.835	75	93074	20.837	ug/l	94
37) Ethyl Acetate	6.982	43	44255	20.780	ug/l	96
38) Carbon Tetrachloride	7.817	117	92914	20.685	ug/l	96
39) Methylcyclohexane	9.109	83	111516	19.670	ug/l #	85
40) Benzene	8.079	78	273192	20.954	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	25489m	23.893	ug/l	
42) 1,2-Dichloroethane	8.158	62	75857	21.019	ug/l	95
43) Isopropyl Acetate	8.195	43	84516	20.638	ug/l #	75
44) Trichloroethene	8.866	130	61488	20.348	ug/l	89
45) 1,2-Dichloropropane	9.140	63	65053	20.855	ug/l	98
46) Dibromomethane	9.231	93	34756	20.563	ug/l	89
47) Bromodichloromethane	9.420	83	93390	21.091	ug/l	95
48) Methyl methacrylate	9.219	41	40172	21.178	ug/l #	80
49) 1,4-Dioxane	9.225	88	7810	448.810	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	223752	106.036	ug/l	90
52) Toluene	10.170	92	167875	20.888	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	78150	19.987	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	95813	20.530	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	45298	21.555	ug/l	97
56) Ethyl methacrylate	10.438	69	63053	20.916	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	80250	20.852	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	146757	98.714	ug/l	92
59) 2-Hexanone	10.762	43	159152	105.202	ug/l	86
60) Dibromochloromethane	10.908	129	56022	20.913	ug/l	99
61) 1,2-Dibromoethane	11.011	107	39474	20.218	ug/l	100
64) Tetrachloroethene	10.646	164	53069	20.466	ug/l	94
65) Chlorobenzene	11.438	112	172657	20.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	55350	20.703	ug/l	98
67) Ethyl Benzene	11.517	91	324663	20.755	ug/l	97
68) m/p-Xylenes	11.627	106	237210	41.447	ug/l	91
69) o-Xylene	11.956	106	111670	20.609	ug/l	91
70) Styrene	11.969	104	189945	21.201	ug/l	95
71) Bromoform	12.133	173	28568	20.828	ug/l #	96
73) Isopropylbenzene	12.255	105	303557	20.857	ug/l	97
74) N-ethyl acetate	12.066	43	75483	20.748	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	52145	20.486	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	37821m	22.146	ug/l	
77) Bromobenzene	12.529	156	62359	21.186	ug/l	84
78) n-propylbenzene	12.597	91	375651	20.739	ug/l	97
79) 2-Chlorotoluene	12.676	91	209016	20.788	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	242364	20.742	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	15768	19.859	ug/l #	84
82) 4-Chlorotoluene	12.779	91	217329	21.199	ug/l	93
83) tert-Butylbenzene	12.999	119	217152	21.253	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	239773	20.718	ug/l	96
85) sec-Butylbenzene	13.176	105	322465	20.558	ug/l	98
86) p-Isopropyltoluene	13.292	119	259203	20.593	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	123042	20.577	ug/l	95
88) 1,4-Dichlorobenzene	13.365	146	124778	20.954	ug/l	95
89) n-Butylbenzene	13.615	91	257363	20.397	ug/l	97
90) Hexachloroethane	13.883	117	50466	20.273	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	110759	21.310	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8060	20.880	ug/l	70
93) 1,2,4-Trichlorobenzene	14.919	180	55968	20.045	ug/l	97
94) Hexachlorobutadiene	15.023	225	29929	19.603	ug/l	98
95) Naphthalene	15.145	128	103880	19.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	47837	20.184	ug/l	95

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

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