

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020617.D
 Acq On : 17 Dec 2024 11:37
 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: Dec 18 04:54:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	184362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	278509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	244385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	135852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	258496	128.022	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	256.040%#	
35) Dibromofluoromethane	7.634	113	261486	133.217	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	266.440%#	
50) Toluene-d8	10.103	98	919148	133.785	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	267.580%#	
62) 4-Bromofluorobenzene	12.402	95	343903	127.965	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	255.940%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	305452	132.646	ug/l	99
3) Chloromethane	2.068	50	205555	120.474	ug/l	97
4) Vinyl Chloride	2.202	62	206764	130.199	ug/l	100
5) Bromomethane	2.586	94	140413	137.550	ug/l	99
6) Chloroethane	2.727	64	138821	141.459	ug/l	98
7) Trichlorofluoromethane	3.056	101	447890	134.789	ug/l	98
8) Diethyl Ether	3.452	74	150374	129.035	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	297171	124.769	ug/l	100
10) Methyl Iodide	4.001	142	345686	130.361	ug/l	99
11) Tert butyl alcohol	4.866	59	123878	737.397	ug/l	100
12) 1,1-Dichloroethene	3.787	96	291982	126.344	ug/l	98
13) Acrolein	3.653	56	42281	442.848	ug/l	97
14) Allyl chloride	4.385	41	498233	123.037	ug/l	99
15) Acrylonitrile	5.055	53	365294	655.216	ug/l	98
17) Carbon Disulfide	4.104	76	923365	122.748	ug/l	100
18) Methyl Acetate	4.385	43	161535	117.584	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	810589	135.895	ug/l	96
20) Methylene Chloride	4.616	84	329862	131.394	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	351487	135.586	ug/l	99
22) Diisopropyl ether	6.019	45	1089955	132.601	ug/l	99
23) Vinyl Acetate	5.958	43	3123065	670.840	ug/l	100
24) 1,1-Dichloroethane	5.915	63	648906	134.755	ug/l	100
25) 2-Butanone	6.890	43	458674	611.252	ug/l	100
26) 2,2-Dichloropropane	6.884	77	575868	126.503	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	400187	134.176	ug/l	99
28) Bromochloromethane	7.244	49	238929	147.100	ug/l	99
29) Tetrahydrofuran	7.262	42	305396	644.700	ug/l	99
30) Chloroform	7.421	83	656177	145.857	ug/l	98
31) Cyclohexane	7.701	56	584271	126.896	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	600711	135.784	ug/l	99
36) 1,1-Dichloropropene	7.835	75	485468	135.636	ug/l	99
37) Ethyl Acetate	6.982	43	213468	126.794	ug/l	99
38) Carbon Tetrachloride	7.817	117	548361	138.477	ug/l	98
39) Methylcyclohexane	9.110	83	640301	137.259	ug/l	98
40) Benzene	8.079	78	1431012	136.402	ug/l	98
41) Methacrylonitrile	7.220	41	119101	133.813	ug/l	95

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42) 1,2-Dichloroethane	8.159	62	377438	135.647	ug/l	100
43) Isopropyl Acetate	8.195	43	433206	135.916	ug/l	100
44) Trichloroethene	8.866	130	352263	136.648	ug/l	98
45) 1,2-Dichloropropane	9.140	63	335340	136.766	ug/l	98
46) Dibromomethane	9.225	93	174812	134.905	ug/l	99
47) Bromodichloromethane	9.420	83	485795	138.787	ug/l	98
48) Methyl methacrylate	9.219	41	210550	138.957	ug/l	99
49) 1,4-Dioxane	9.225	88	41221	2773.834	ug/l	100
51) 4-Methyl-2-Pentanone	9.994	43	1092140	649.161	ug/l	99
52) Toluene	10.170	92	904033	138.659	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	464905	142.541	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	540157	139.760	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	230372	134.466	ug/l	97
56) Ethyl methacrylate	10.439	69	363115	146.095	ug/l	98
57) 1,3-Dichloropropane	10.713	76	413542	135.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	826777	790.569	ug/l	99
59) 2-Hexanone	10.756	43	731842	677.527	ug/l	98
60) Dibromochloromethane	10.908	129	318266	138.906	ug/l	99
61) 1,2-Dibromoethane	11.012	107	218394	137.043	ug/l	100
64) Tetrachloroethene	10.646	164	309587	134.678	ug/l	97
65) Chlorobenzene	11.438	112	948051	138.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	324778	138.995	ug/l	98
67) Ethyl Benzene	11.518	91	1770086	140.410	ug/l	99
68) m/p-Xylenes	11.627	106	1308282	279.114	ug/l	100
69) o-Xylene	11.951	106	617079	141.099	ug/l	99
70) Styrene	11.969	104	1031166	141.122	ug/l	99
71) Bromoform	12.133	173	183216	139.463	ug/l #	98
73) Isopropylbenzene	12.255	105	1651138	139.276	ug/l	100
74) N-amyl acetate	12.066	43	396216	142.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	258787	134.480	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	183456m	131.115	ug/l	
77) Bromobenzene	12.530	156	357464	138.423	ug/l	100
78) n-propylbenzene	12.597	91	1971458	138.026	ug/l	99
79) 2-Chlorotoluene	12.676	91	1111362	138.298	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1332805	138.553	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	96747	143.899	ug/l	98
82) 4-Chlorotoluene	12.774	91	1135416	136.190	ug/l	100
83) tert-Butylbenzene	12.999	119	1219521	139.985	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1313945	139.253	ug/l	99
85) sec-Butylbenzene	13.176	105	1737212	137.147	ug/l	100
86) p-Isopropyltoluene	13.292	119	1456581	139.472	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	693843	136.109	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	684559	135.587	ug/l	100
89) n-Butylbenzene	13.615	91	1382912	139.722	ug/l	99
90) Hexachloroethane	13.877	117	293562	141.843	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	611871	138.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	43513	139.274	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	403445	151.011	ug/l	99
94) Hexachlorobutadiene	15.023	225	250003	143.145	ug/l	100
95) Naphthalene	15.145	128	736677	160.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	344880	152.787	ug/l	99

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

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