

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054326.D
 Acq On : 30 May 2023 20:06
 Operator : JC/MD
 Sample : 02912-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GM38-RW3-MW1-20230523MS

Quant Time: May 31 06:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	182427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	322103	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	312750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	166575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	137443	57.473	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.940%			
35) Dibromofluoromethane	5.282	113	108852	52.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	7.893	98	404284	51.241	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.480%			
62) 4-Bromofluorobenzene	10.626	95	150148	49.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	108078	53.070	ug/l	98
3) Chloromethane	1.520	50	148710	55.768	ug/l	99
4) Vinyl Chloride	1.604	62	143488	56.397	ug/l	99
5) Bromomethane	1.848	94	62083	44.081	ug/l	100
6) Chloroethane	1.922	64	88967	72.510	ug/l	96
7) Trichlorofluoromethane	2.131	101	186290	53.222	ug/l	100
8) Diethyl Ether	2.372	74	75507	58.270	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.575	101	98200	51.817	ug/l	96
10) Methyl Iodide	2.720	142	112807	49.705	ug/l	95
11) Tert butyl alcohol	3.192	59	195366m	302.436	ug/l	
12) 1,1-Dichloroethene	2.575	96	104776	53.395	ug/l	94
13) Acrolein	2.482	56	108282	161.130	ug/l	99
14) Allyl chloride	2.916	41	149868	44.049	ug/l #	85
15) Acrylonitrile	3.308	53	430163	297.007	ug/l	99
16) Acetone	2.626	43	370849	270.537	ug/l	98
17) Carbon Disulfide	2.787	76	283569	48.898	ug/l	99
18) Methyl Acetate	2.945	43	136356	27.243	ug/l	95
19) Methyl tert-butyl Ether	3.359	73	367249	57.175	ug/l	98
20) Methylene Chloride	3.041	84	131966	53.363	ug/l	95
21) trans-1,2-Dichloroethene	3.346	96	112653	53.623	ug/l	98
22) Diisopropyl ether	3.986	45	360711	59.816	ug/l #	62
23) Vinyl Acetate	3.951	43	537679	122.192	ug/l	98
24) 1,1-Dichloroethane	3.861	63	219810	56.926	ug/l	98
25) 2-Butanone	4.694	43	541699	298.469	ug/l	97
26) 2,2-Dichloropropane	4.658	77	17554	5.202	ug/l #	48
27) cis-1,2-Dichloroethene	4.662	96	129897	55.582	ug/l	95
28) Bromochloromethane	4.967	49	109037	61.022	ug/l	86
29) Tetrahydrofuran	5.044	42	348552	305.526	ug/l	93
30) Chloroform	5.083	83	224754	57.260	ug/l	100
31) Cyclohexane	5.382	56	178214	52.777	ug/l	93
32) 1,1,1-Trichloroethane	5.311	97	188701	55.375	ug/l	99
36) 1,1-Dichloropropene	5.520	75	151021	46.354	ug/l	98
37) Ethyl Acetate	4.800	43	100409	25.288	ug/l	99
38) Carbon Tetrachloride	5.517	117	163123	48.917	ug/l	100
39) Methylcyclohexane	6.758	83	159944	43.343	ug/l	92
40) Benzene	5.768	78	474216	51.029	ug/l	98

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41) Methacrylonitrile	4.964	41	103797	56.563	ug/l	91
42) 1,2-Dichloroethane	5.787	62	171150	50.698	ug/l	99
43) Isopropyl Acetate	5.906	43	177513	32.412	ug/l	98
44) Trichloroethene	6.536	130	168218	64.755	ug/l	94
45) 1,2-Dichloropropane	6.784	63	128165	52.867	ug/l	100
46) Dibromomethane	6.912	93	91486	51.267	ug/l	95
47) Bromodichloromethane	7.099	83	170653	51.135	ug/l	100
48) Methyl methacrylate	6.954	41	131243	54.036	ug/l	93
49) 1,4-Dioxane	6.977	88	87302	1245.074	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	991297	271.225	ug/l	99
52) Toluene	7.964	92	292864	49.424	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	131050	34.323	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	136939	34.367	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	126891	51.672	ug/l	99
56) Ethyl methacrylate	8.327	69	186999	51.157	ug/l	96
57) 1,3-Dichloropropane	8.568	76	214500	50.721	ug/l	100
59) 2-Hexanone	8.677	43	774245	268.166	ug/l	99
60) Dibromochloromethane	8.803	129	130243	52.202	ug/l	100
61) 1,2-Dibromoethane	8.919	107	138180	51.702	ug/l	99
64) Tetrachloroethene	8.549	164	115793	49.193	ug/l	96
65) Chlorobenzene	9.443	112	312626	47.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.526	131	119519	50.390	ug/l	98
67) Ethyl Benzene	9.565	91	542110	48.498	ug/l	98
68) m/p-Xylenes	9.687	106	421616	99.508	ug/l	94
69) o-Xylene	10.095	106	204105	49.763	ug/l	90
70) Styrene	10.108	104	341230	50.167	ug/l	97
71) Bromoform	10.285	173	103860	50.389	ug/l #	100
73) Isopropylbenzene	10.478	105	525472	50.937	ug/l	97
74) N-amyl acetate	10.314	43	93549	21.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	219899	52.679	ug/l	100
76) 1,2,3-Trichloropropane	10.816	75	210945	43.390	ug/l	98
77) Bromobenzene	10.777	156	139352	49.190	ug/l	91
78) n-propylbenzene	10.899	91	618805	48.966	ug/l	98
79) 2-Chlorotoluene	10.980	91	380823	49.774	ug/l	95
80) 1,3,5-Trimethylbenzene	11.083	105	445978	50.835	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	29394	23.023	ug/l	97
82) 4-Chlorotoluene	11.092	91	439479	48.956	ug/l	96
83) tert-Butylbenzene	11.414	119	436606	49.768	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	442040	50.646	ug/l	98
85) sec-Butylbenzene	11.639	105	536963	48.237	ug/l	99
86) p-Isopropyltoluene	11.787	119	432712	46.216	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	257774	46.994	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	256697	44.796	ug/l	98
89) n-Butylbenzene	12.205	91	355562	40.344	ug/l	98
90) Hexachloroethane	12.468	117	80529	48.618	ug/l	94
91) 1,2-Dichlorobenzene	12.208	146	262853	48.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	53189	55.871	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	166897	43.772	ug/l	99
94) Hexachlorobutadiene	14.015	225	68034	38.507	ug/l	100
95) Naphthalene	14.079	128	587236	47.757	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	175621	46.357	ug/l	98

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

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