

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054327.D
 Acq On : 30 May 2023 20:30
 Operator : JC/MD
 Sample : 02912-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: May 31 06:32:38 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	5.366	168	178364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	318435	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	308328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	164870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	138978	59.439	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.880%#			
35) Dibromofluoromethane	5.282	113	111114	54.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.360%			
50) Toluene-d8	7.893	98	409635	52.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.040%			
62) 4-Bromofluorobenzene	10.629	95	150502	49.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106759	53.617	ug/l	98
3) Chloromethane	1.517	50	151033	57.930	ug/l	96
4) Vinyl Chloride	1.604	62	145860	58.635	ug/l	100
5) Bromomethane	1.848	94	61701	44.808	ug/l	100
6) Chloroethane	1.922	64	89636	74.719	ug/l	97
7) Trichlorofluoromethane	2.131	101	182145	53.223	ug/l	97
8) Diethyl Ether	2.372	74	77259	60.980	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	96397	52.024	ug/l	96
10) Methyl Iodide	2.716	142	120288	53.998	ug/l	98
11) Tert butyl alcohol	3.195	59	201922m	319.705	ug/l	
12) 1,1-Dichloroethene	2.575	96	101423	52.864	ug/l	93
13) Acrolein	2.482	56	111599	169.849	ug/l	98
14) Allyl chloride	2.916	41	150048	45.106	ug/l #	84
15) Acrylonitrile	3.308	53	439057	310.053	ug/l	99
16) Acetone	2.626	43	379285	282.994	ug/l	98
17) Carbon Disulfide	2.787	76	284280	50.137	ug/l	99
18) Methyl Acetate	2.945	43	139908	28.590	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	364623	58.059	ug/l	100
20) Methylene Chloride	3.041	84	126982	52.517	ug/l	91
21) trans-1,2-Dichloroethene	3.347	96	109949	53.528	ug/l	97
22) Diisopropyl ether	3.986	45	351338	59.589	ug/l #	64
23) Vinyl Acetate	3.951	43	548374	127.461	ug/l	95
24) 1,1-Dichloroethane	3.861	63	219167	58.052	ug/l	99
25) 2-Butanone	4.694	43	555645	313.127	ug/l	96
26) 2,2-Dichloropropane	4.658	77	18209	5.519	ug/l #	55
27) cis-1,2-Dichloroethene	4.658	96	130755	57.224	ug/l	94
28) Bromochloromethane	4.967	49	110877	63.465	ug/l	85
29) Tetrahydrofuran	5.044	42	360848	323.509	ug/l	92
30) Chloroform	5.080	83	218008	56.806	ug/l	98
31) Cyclohexane	5.382	56	172908	52.372	ug/l	95
32) 1,1,1-Trichloroethane	5.308	97	185063	55.545	ug/l	100
36) 1,1-Dichloropropene	5.520	75	149089	46.288	ug/l	99
37) Ethyl Acetate	4.797	43	95544	24.340	ug/l #	94
38) Carbon Tetrachloride	5.517	117	161481	48.982	ug/l	98
39) Methylcyclohexane	6.758	83	155012	42.490	ug/l	88
40) Benzene	5.768	78	475529	51.760	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	103910	57.277	ug/l	91
42) 1,2-Dichloroethane	5.787	62	169537	50.799	ug/l	99
43) Isopropyl Acetate	5.906	43	182336	33.676	ug/l	97
44) Trichloroethene	6.536	130	167534	65.235	ug/l	91
45) 1,2-Dichloropropane	6.784	63	125831	52.502	ug/l	99
46) Dibromomethane	6.912	93	91804	52.037	ug/l	94
47) Bromodichloromethane	7.099	83	165712	50.227	ug/l	98
48) Methyl methacrylate	6.954	41	133639	55.656	ug/l	92
49) 1,4-Dioxane	6.977	88	88227	1272.760	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	1006682	278.607	ug/l	99
52) Toluene	7.964	92	295555	50.453	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	132295	35.048	ug/l	98
54) cis-1,3-Dichloropropene	7.600	75	138054	35.046	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	126594	52.145	ug/l	99
56) Ethyl methacrylate	8.327	69	190067	52.595	ug/l	95
57) 1,3-Dichloropropane	8.568	76	214814	51.380	ug/l	100
59) 2-Hexanone	8.681	43	799241	280.012	ug/l	99
60) Dibromochloromethane	8.803	129	129085	52.334	ug/l	99
61) 1,2-Dibromoethane	8.915	107	137003	51.852	ug/l	100
64) Tetrachloroethene	8.549	164	115501	49.773	ug/l	98
65) Chlorobenzene	9.443	112	313262	48.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.530	131	118859	50.830	ug/l	99
67) Ethyl Benzene	9.565	91	543250	49.297	ug/l	99
68) m/p-Xylenes	9.687	106	417286	99.899	ug/l	93
69) o-Xylene	10.095	106	205496	50.821	ug/l	91
70) Styrene	10.108	104	349065	52.055	ug/l	98
71) Bromoform	10.285	173	105687	52.011	ug/l #	100
73) Isopropylbenzene	10.478	105	524995	51.417	ug/l	98
74) N-amyl acetate	10.314	43	101798	23.480	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	219581	53.147	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	214709	44.621	ug/l	99
77) Bromobenzene	10.777	156	141412	50.434	ug/l	91
78) n-propylbenzene	10.899	91	619176	49.502	ug/l	98
79) 2-Chlorotoluene	10.980	91	384070	50.718	ug/l	95
80) 1,3,5-Trimethylbenzene	11.083	105	446531	51.424	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	28897	22.868	ug/l	97
82) 4-Chlorotoluene	11.092	91	444715	50.052	ug/l	96
83) tert-Butylbenzene	11.414	119	437110	50.341	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	442666	51.242	ug/l	98
85) sec-Butylbenzene	11.639	105	539698	48.984	ug/l	99
86) p-Isopropyltoluene	11.787	119	439883	47.468	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	260449	47.973	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	260495	45.929	ug/l	97
89) n-Butylbenzene	12.205	91	367174	42.092	ug/l	98
90) Hexachloroethane	12.468	117	83852	51.148	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	264915	49.601	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	53198	56.458	ug/l	94
93) 1,2,4-Trichlorobenzene	13.835	180	171698	45.432	ug/l	99
94) Hexachlorobutadiene	14.015	225	69323	39.618	ug/l	99
95) Naphthalene	14.079	128	629892	51.589	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	183503	48.868	ug/l	99

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

