

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037705.D
 Acq On : 13 Sep 2023 19:21
 Operator : JC/MD
 Sample : 04373-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1042-MW-02(23.8)MS

Quant Time: Sep 14 02:24:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Mahesh Dadoda 09/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	276377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140481	66.057	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 132.120%#			
35) Dibromofluoromethane	5.385	113	109686	55.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.980%			
50) Toluene-d8	8.647	98	381648	51.656	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.320%			
62) 4-Bromofluorobenzene	11.079	95	140740	52.801	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53150	36.881	ug/l	100
3) Chloromethane	1.301	50	87391	53.231	ug/l	100
4) Vinyl Chloride	1.374	62	90305	48.897	ug/l	99
5) Bromomethane	1.599	94	71143	46.053	ug/l	99
6) Chloroethane	1.666	64	65618	51.675	ug/l	99
7) Trichlorofluoromethane	1.874	101	133767	43.778	ug/l	100
8) Diethyl Ether	2.136	74	78783	64.967	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	54357	39.685	ug/l	98
10) Methyl Iodide	2.447	142	109373	67.615	ug/l	93
11) Tert butyl alcohol	2.977	59	144382	331.516	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	69501	51.394	ug/l	90
13) Acrolein	2.239	56	121508	349.699	ug/l	99
14) Allyl chloride	2.660	41	125437	52.948	ug/l	95
15) Acrylonitrile	3.068	53	348584	357.414	ug/l	99
16) Acetone	2.386	43	311711	362.550	ug/l	91
17) Carbon Disulfide	2.508	76	154966	45.077	ug/l	100
18) Methyl Acetate	2.703	43	201922	55.613	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	368031	68.936	ug/l	100
20) Methylene Chloride	2.788	84	112140	67.913	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	87308	56.115	ug/l	92
22) Diisopropyl ether	3.763	45	331150	64.163	ug/l	# 84
23) Vinyl Acetate	3.721	43	983237	261.188	ug/l	96
24) 1,1-Dichloroethane	3.605	63	180278	59.943	ug/l	100
25) 2-Butanone	4.562	43	485433	346.269	ug/l	91
26) 2,2-Dichloropropane	4.471	77	42386	20.260	ug/l	# 65
27) cis-1,2-Dichloroethene	4.489	96	205438	108.280	ug/l	84
28) Bromochloromethane	4.897	49	100664	66.250	ug/l	88
29) Tetrahydrofuran	5.007	42	309949	347.188	ug/l	90
30) Chloroform	5.099	83	200949	61.868	ug/l	97
31) Cyclohexane	5.470	56	105171	42.947	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	145921	53.979	ug/l	98
36) 1,1-Dichloropropene	5.690	75	108885	40.858	ug/l	97
37) Ethyl Acetate	4.715	43	147579	48.398	ug/l	97
38) Carbon Tetrachloride	5.678	117	115994	42.606	ug/l	96
39) Methylcyclohexane	7.379	83	101117	32.065	ug/l	90
40) Benzene	6.037	78	415441	51.422	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	98243	61.167	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	173093	54.817	ug/l	98
43) Isopropyl Acetate	6.342	43	253911	52.194	ug/l	97
44) Trichloroethene	7.123	130	150423	74.522	ug/l	97
45) 1,2-Dichloropropane	7.434	63	117498	55.109	ug/l	100
46) Dibromomethane	7.580	93	91498	58.989	ug/l	94
47) Bromodichloromethane	7.824	83	158388	56.564	ug/l	95
48) Methyl methacrylate	7.696	41	140018	59.542	ug/l #	86
49) 1,4-Dioxane	7.659	88	67498	1158.521	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	987330	309.086	ug/l	96
52) Toluene	8.720	92	263181	50.665	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	145867	51.382	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	155423	49.894	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	131922	60.312	ug/l	95
56) Ethyl methacrylate	9.116	69	202624	60.546	ug/l	92
57) 1,3-Dichloropropane	9.311	76	210835	57.465	ug/l	100
59) 2-Hexanone	9.433	43	734286	297.798	ug/l	93
60) Dibromochloromethane	9.525	129	131198	61.065	ug/l	99
61) 1,2-Dibromoethane	9.610	107	142975	60.811	ug/l	99
64) Tetrachloroethene	9.275	164	171578	94.351	ug/l	98
65) Chlorobenzene	10.079	112	296927	49.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	115447	55.993	ug/l	98
67) Ethyl Benzene	10.195	91	484308	45.491	ug/l	99
68) m/p-Xylenes	10.305	106	376288	92.695	ug/l	98
69) o-Xylene	10.640	106	199933	49.399	ug/l	98
70) Styrene	10.652	104	336193	50.915	ug/l	96
71) Bromoform	10.799	173	97023	60.138	ug/l #	100
73) Isopropylbenzene	10.963	105	461454	45.860	ug/l	99
74) N-amyl acetate	10.841	43	198129	45.155	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	217349	57.722	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	168213m	56.931	ug/l	
77) Bromobenzene	11.201	156	132065	55.384	ug/l	90
78) n-propylbenzene	11.305	91	500778	43.259	ug/l	99
79) 2-Chlorotoluene	11.366	91	343964	48.269	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	402018	47.539	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	42188	43.402	ug/l	92
82) 4-Chlorotoluene	11.457	91	384483	47.233	ug/l	97
83) tert-Butylbenzene	11.713	119	401908	47.309	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	412536	48.387	ug/l	98
85) sec-Butylbenzene	11.890	105	429765	40.976	ug/l	99
86) p-Isopropyltoluene	12.006	119	359931	41.880	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	220439	48.146	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	227774	48.406	ug/l	98
89) n-Butylbenzene	12.335	91	278782	35.815	ug/l	97
90) Hexachloroethane	12.536	117	67377	46.459	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	243343	53.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46923	60.689	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	125987	46.181	ug/l	96
94) Hexachlorobutadiene	13.725	225	38791	34.039	ug/l	98
95) Naphthalene	13.774	128	557853	56.450	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138687	49.547	ug/l	98

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

