

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044853.D
 Acq On : 25 Sep 2021 21:38
 Operator : SY/MD
 Sample : M3859-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 1028-MW-02MS

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:05 AM

Quant Time: Sep 27 01:37:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	138056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	255443	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	249499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	131417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	126325	52.429	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.860%	
35) Dibromofluoromethane	5.292	113	86673	49.460	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.920%	
50) Toluene-d8	7.899	98	332196	50.193	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.380%	
62) 4-Bromofluorobenzene	10.636	95	130365	53.033	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.060%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	87872	53.146	ug/l	99
3) Chloromethane	1.520	50	103766	41.353	ug/l	99
4) Vinyl Chloride	1.607	62	123252	52.629	ug/l	99
5) Bromomethane	1.832	94	36598	30.310	ug/l	99
6) Chloroethane	1.919	64	76772	48.843	ug/l	100
7) Trichlorofluoromethane	2.131	101	144506	50.245	ug/l	100
8) Diethyl Ether	2.379	74	67928	51.594	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.578	101	82910	49.364	ug/l	98
10) Methyl Iodide	2.723	142	61443	33.666	ug/l	97
11) Tert butyl alcohol	3.202	59	163159	232.006	ug/l	100
12) 1,1-Dichloroethene	2.578	96	81202	48.851	ug/l	99
13) Acrolein	2.488	56	51396	270.627	ug/l	99
14) Allyl chloride	2.925	41	155659	48.246	ug/l	99
15) Acrylonitrile	3.314	53	364087	247.844	ug/l	99
16) Acetone	2.630	43	330205	242.959	ug/l	100
17) Carbon Disulfide	2.793	76	217761	46.568	ug/l	100
18) Methyl Acetate	2.948	43	204166	44.965	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	324208	52.231	ug/l	99
20) Methylene Chloride	3.047	84	104112	47.322	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	91201	51.244	ug/l	97
22) Diisopropyl ether	3.996	45	321334	50.408	ug/l	95
23) Vinyl Acetate	3.957	43	1231839	235.639	ug/l	99
24) 1,1-Dichloroethane	3.871	63	187669	50.720	ug/l	99
25) 2-Butanone	4.703	43	514839	249.659	ug/l	99
26) 2,2-Dichloropropane	4.668	77	126639	45.639	ug/l	93
27) cis-1,2-Dichloroethene	4.668	96	203609	94.064	ug/l	94
28) Bromochloromethane	4.977	49	86992	49.474	ug/l	98
29) Tetrahydrofuran	5.054	42	316964	244.316	ug/l	98
30) Chloroform	5.092	83	182849	49.148	ug/l	100
31) Cyclohexane	5.391	56	161255	46.616	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	150684	50.127	ug/l	99
36) 1,1-Dichloropropene	5.530	75	129655	47.838	ug/l	100
37) Ethyl Acetate	4.806	43	172184	43.297	ug/l	99
38) Carbon Tetrachloride	5.527	117	117257	48.393	ug/l	99
39) Methylcyclohexane	6.768	83	151958	49.572	ug/l	98
40) Benzene	5.777	78	397234	48.072	ug/l	99

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41) Methacrylonitrile	4.973	41	96950	48.841	ug/l	97
42) 1,2-Dichloroethane	5.797	62	158923	48.886	ug/l	99
43) Isopropyl Acetate	5.916	43	262086	47.106	ug/l	100
44) Trichloroethene	6.546	130	213299	107.403	ug/l	97
45) 1,2-Dichloropropane	6.793	63	108898	48.694	ug/l	100
46) Dibromomethane	6.922	93	72973	49.244	ug/l	99
47) Bromodichloromethane	7.108	83	142714	48.824	ug/l	98
48) Methyl methacrylate	6.964	41	132421	50.426	ug/l	98
49) 1,4-Dioxane	6.970	88	65847	981.105	ug/l	95
51) 4-Methyl-2-Pentanone	7.797	43	1016533	256.360	ug/l	100
52) Toluene	7.973	92	247162	50.030	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	152267	50.000	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	162209	49.184	ug/l	100
55) 1,1,2-Trichloroethane	8.404	97	103765	49.126	ug/l	98
56) Ethyl methacrylate	8.337	69	177734	47.344	ug/l	99
57) 1,3-Dichloropropane	8.578	76	185657	49.362	ug/l	100
59) 2-Hexanone	8.687	43	830846	261.037	ug/l	100
60) Dibromochloromethane	8.813	129	99634	49.259	ug/l	99
61) 1,2-Dibromoethane	8.928	107	110015	49.605	ug/l	99
64) Tetrachloroethene	8.555	164	266781	157.751	ug/l	99
65) Chlorobenzene	9.449	112	252911	48.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	88857	48.098	ug/l	99
67) Ethyl Benzene	9.575	91	471533	51.005	ug/l	99
68) m/p-Xylenes	9.697	106	364077	102.967	ug/l	98
69) o-Xylene	10.105	106	178919	52.330	ug/l	98
70) Styrene	10.118	104	309774	48.506	ug/l	99
71) Bromoform	10.295	173	73298	47.951	ug/l #	100
73) Isopropylbenzene	10.488	105	461137	49.439	ug/l	99
74) N-amyl acetate	10.324	43	232714	48.951	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	205847	48.442	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	194477m	48.870	ug/l	
77) Bromobenzene	10.784	156	109437	49.110	ug/l	98
78) n-propylbenzene	10.909	91	579062	51.235	ug/l	99
79) 2-Chlorotoluene	10.989	91	347769	50.488	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	409245	51.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	57491	46.799	ug/l	98
82) 4-Chlorotoluene	11.099	91	405517	51.711	ug/l	99
83) tert-Butylbenzene	11.423	119	384839	50.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	411679	52.853	ug/l	99
85) sec-Butylbenzene	11.645	105	514231	52.176	ug/l	99
86) p-Isopropyltoluene	11.796	119	421601	52.583	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	213529	49.377	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	215666	48.225	ug/l	98
89) n-Butylbenzene	12.211	91	392014	47.531	ug/l	100
90) Hexachloroethane	12.478	117	71680	49.613	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	222030	48.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	53185	51.616	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	127005	50.154	ug/l	99
94) Hexachlorobutadiene	14.025	225	50094	44.468	ug/l	98
95) Naphthalene	14.089	128	494184	49.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	130637	50.733	ug/l	99

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

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