

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044925.D
 Acq On : 28 Sep 2021 06:35
 Operator : SY/MD
 Sample : M3829-22MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW202D-20210918MS

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 1:35:22 PM

Quant Time: Sep 28 08:22:52 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	5.376	168	136912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	250613	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	242289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	132711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	119700	50.094	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.180%	
35) Dibromofluoromethane	5.292	113	84366	49.071	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.140%	
50) Toluene-d8	7.903	98	320998	49.436	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.880%	
62) 4-Bromofluorobenzene	10.636	95	136022	56.400	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100897	61.533	ug/l	99
3) Chloromethane	1.517	50	117844	47.356	ug/l	98
4) Vinyl Chloride	1.607	62	127318	54.819	ug/l	99
5) Bromomethane	1.832	94	44683	38.502	ug/l	99
6) Chloroethane	1.909	64	92102	59.164	ug/l	100
7) Trichlorofluoromethane	2.128	101	173092	60.687	ug/l	100
8) Diethyl Ether	2.379	74	77532	59.381	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.575	101	94701	56.855	ug/l	98
10) Methyl Iodide	2.720	142	111528	61.619	ug/l	98
11) Tert butyl alcohol	3.228	59	191095	274.000	ug/l	99
12) 1,1-Dichloroethene	2.575	96	96043	58.262	ug/l	94
13) Acrolein	2.488	56	45782	243.056	ug/l	97
14) Allyl chloride	2.922	41	169634	53.016	ug/l	96
15) Acrylonitrile	3.315	53	388342	266.564	ug/l	99
16) Acetone	2.630	43	341658	253.487	ug/l	99
17) Carbon Disulfide	2.790	76	266670	57.504	ug/l	100
18) Methyl Acetate	2.948	43	216969	48.184	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	371781	60.396	ug/l	98
20) Methylene Chloride	3.048	84	115868	53.106	ug/l	95
21) trans-1,2-Dichloroethene	3.353	96	101472	57.491	ug/l	98
22) Diisopropyl ether	3.996	45	354548	56.083	ug/l	94
23) Vinyl Acetate	3.958	43	1296014	249.987	ug/l	98
24) 1,1-Dichloroethane	3.871	63	210967	57.493	ug/l	100
25) 2-Butanone	4.707	43	543025	265.528	ug/l	98
26) 2,2-Dichloropropane	4.668	77	124348	45.187	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	132906	61.914	ug/l	95
28) Bromochloromethane	4.977	49	69726	39.986	ug/l	93
29) Tetrahydrofuran	5.054	42	337861	262.600	ug/l	95
30) Chloroform	5.093	83	204624	55.460	ug/l	99
31) Cyclohexane	5.388	56	189320	55.186	ug/l	96
32) 1,1,1-Trichloroethane	5.318	97	172313	57.802	ug/l	99
36) 1,1-Dichloropropene	5.530	75	149211	56.114	ug/l	99
37) Ethyl Acetate	4.806	43	178548	45.763	ug/l	98
38) Carbon Tetrachloride	5.527	117	133322	56.083	ug/l	97
39) Methylcyclohexane	6.765	83	182641	60.730	ug/l	97
40) Benzene	5.777	78	449714	55.472	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	106137	54.499	ug/l	97
42) 1,2-Dichloroethane	5.797	62	177965	55.799	ug/l	99
43) Isopropyl Acetate	5.916	43	279925	51.282	ug/l	98
44) Trichloroethene	6.546	130	165684	85.035	ug/l	97
45) 1,2-Dichloropropane	6.793	63	118123	53.837	ug/l	99
46) Dibromomethane	6.919	93	79504	54.686	ug/l	97
47) Bromodichloromethane	7.109	83	157440	54.900	ug/l	100
48) Methyl methacrylate	6.964	41	147149	57.114	ug/l	96
49) 1,4-Dioxane	6.974	88	77983	1184.322	ug/l	96
51) 4-Methyl-2-Pentanone	7.797	43	1121155	288.193	ug/l	98
52) Toluene	7.973	92	281344	58.046	ug/l	100
53) t-1,3-Dichloropropene	8.215	75	171335	57.346	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	180730	55.857	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	117788	56.840	ug/l	98
56) Ethyl methacrylate	8.337	69	211093	56.916	ug/l	98
57) 1,3-Dichloropropane	8.578	76	208739	56.569	ug/l	100
59) 2-Hexanone	8.691	43	927211	296.928	ug/l	99
60) Dibromochloromethane	8.813	129	114247	57.572	ug/l	99
61) 1,2-Dibromoethane	8.928	107	125100	57.494	ug/l	99
64) Tetrachloroethene	8.555	164	100776	61.363	ug/l	99
65) Chlorobenzene	9.449	112	290335	57.723	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	102326	57.037	ug/l	98
67) Ethyl Benzene	9.572	91	544971	60.703	ug/l	99
68) m/p-Xylenes	9.697	106	418406	121.854	ug/l	98
69) o-Xylene	10.102	106	210402	63.369	ug/l	99
70) Styrene	10.118	104	357364	57.433	ug/l	99
71) Bromoform	10.295	173	91169	61.417	ug/l #	99
73) Isopropylbenzene	10.488	105	538786	57.201	ug/l	99
74) N-amyl acetate	10.324	43	256792	53.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	245400	57.187	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	224727m	55.920	ug/l	
77) Bromobenzene	10.787	156	128750	57.214	ug/l	99
78) n-propylbenzene	10.909	91	660579	57.878	ug/l	100
79) 2-Chlorotoluene	10.989	91	404888	58.207	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	485873	60.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	69736	56.214	ug/l	100
82) 4-Chlorotoluene	11.099	91	465785	58.817	ug/l	100
83) tert-Butylbenzene	11.424	119	474444	61.642	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	487580	61.987	ug/l	98
85) sec-Butylbenzene	11.645	105	596038	59.886	ug/l	99
86) p-Isopropyltoluene	11.797	119	495332	61.176	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	249531	57.140	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	252254	55.856	ug/l	99
89) n-Butylbenzene	12.211	91	446104	53.400	ug/l	99
90) Hexachloroethane	12.478	117	86286	59.141	ug/l	97
91) 1,2-Dichlorobenzene	12.218	146	260297	56.246	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	59378	57.065	ug/l	99
93) 1,2,4-Trichlorobenzene	13.845	180	144503	56.508	ug/l	100
94) Hexachlorobutadiene	14.025	225	56762	49.896	ug/l	99
95) Naphthalene	14.089	128	551384	54.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	144306	55.495	ug/l	98

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

