

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044954.D
 Acq On : 28 Sep 2021 20:15
 Operator : SY/MD
 Sample : M3829-22MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW202D-20210918MS

Quant Time: Sep 29 05:47:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	153436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	281750	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	273909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	136393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	126110	49.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.740%		
35) Dibromofluoromethane	5.295	113	88351	49.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.420%		
50) Toluene-d8	7.902	98	348101	49.568	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.140%		
62) 4-Bromofluorobenzene	10.636	95	131119	45.224	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	91381	48.094	ug/l	98
3) Chloromethane	1.523	50	112281	45.622	ug/l	100
4) Vinyl Chloride	1.607	62	124611	50.708	ug/l	99
5) Bromomethane	1.851	94	82994	86.099	ug/l	100
6) Chloroethane	1.935	64	80734	42.766	ug/l	99
7) Trichlorofluoromethane	2.141	101	164672	50.743	ug/l	99
8) Diethyl Ether	2.379	74	73048	49.116	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	87999	47.680	ug/l	99
10) Methyl Iodide	2.726	142	84445	42.868	ug/l	98
11) Tert butyl alcohol	3.179	59	118984	162.314	ug/l	100
12) 1,1-Dichloroethene	2.584	96	91497	50.296	ug/l	92
13) Acrolein	2.488	56	32531	227.883	ug/l	100
14) Allyl chloride	2.928	41	161663	48.019	ug/l	95
15) Acrylonitrile	3.317	53	337581	228.344	ug/l	99
16) Acetone	2.626	43	279482	184.345	ug/l	99
17) Carbon Disulfide	2.797	76	258031	48.049	ug/l	99
18) Methyl Acetate	2.951	43	196439	44.332	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	346392	49.326	ug/l	98
20) Methylene Chloride	3.051	84	108841	47.663	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	95979	48.230	ug/l	97
22) Diisopropyl ether	3.999	45	328406	47.780	ug/l	96
23) Vinyl Acetate	3.961	43	1331535	238.193	ug/l	97
24) 1,1-Dichloroethane	3.877	63	198026	50.187	ug/l	99
25) 2-Butanone	4.703	43	454230	210.877	ug/l	98
26) 2,2-Dichloropropane	4.671	77	150091	44.992	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	129499	55.097	ug/l	96
28) Bromochloromethane	4.980	49	84896	51.911	ug/l	92
29) Tetrahydrofuran	5.054	42	293819	229.147	ug/l	95
30) Chloroform	5.096	83	195131	49.066	ug/l	99
31) Cyclohexane	5.391	56	178631	46.042	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	161915	49.344	ug/l	100
36) 1,1-Dichloropropene	5.530	75	144349	48.991	ug/l	99
37) Ethyl Acetate	4.806	43	172171	44.163	ug/l	98
38) Carbon Tetrachloride	5.530	117	127371	49.957	ug/l	99
39) Methylcyclohexane	6.767	83	174136	48.142	ug/l	96
40) Benzene	5.780	78	424604	48.385	ug/l	100

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41) Methacrylonitrile	4.977	41	95432	47.550	ug/l	97
42) 1,2-Dichloroethane	5.800	62	170058	49.304	ug/l	100
43) Isopropyl Acetate	5.915	43	268347	45.753	ug/l	99
44) Trichloroethene	6.546	130	168165	81.277	ug/l	97
45) 1,2-Dichloropropane	6.796	63	112352	48.290	ug/l	97
46) Dibromomethane	6.922	93	76760	48.975	ug/l	99
47) Bromodichloromethane	7.112	83	150387	49.418	ug/l	99
48) Methyl methacrylate	6.964	41	130532	45.723	ug/l	94
49) 1,4-Dioxane	6.967	88	37842	500.554	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	912279	213.657	ug/l	98
52) Toluene	7.973	92	269645	49.095	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	171365	49.243	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	180037	49.667	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	108205	47.283	ug/l	98
56) Ethyl methacrylate	8.337	69	184914	41.920	ug/l	99
57) 1,3-Dichloropropane	8.581	76	193822	47.457	ug/l	100
59) 2-Hexanone	8.687	43	712304	204.858	ug/l	97
60) Dibromochloromethane	8.812	129	106390	44.113	ug/l	99
61) 1,2-Dibromoethane	8.928	107	117183	48.172	ug/l	100
64) Tetrachloroethene	8.555	164	108903	60.917	ug/l	99
65) Chlorobenzene	9.449	112	273082	47.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	94232	47.000	ug/l	100
67) Ethyl Benzene	9.574	91	517001	48.924	ug/l	99
68) m/p-Xylenes	9.697	106	400315	97.507	ug/l	100
69) o-Xylene	10.105	106	194364	47.701	ug/l	99
70) Styrene	10.118	104	327366	47.891	ug/l	99
71) Bromoform	10.295	173	77489	40.530	ug/l #	99
73) Isopropylbenzene	10.488	105	505110	49.730	ug/l	100
74) N-amyl acetate	10.324	43	226886	44.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	190756	43.405	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	169439m	42.590	ug/l	
77) Bromobenzene	10.787	156	115312	47.015	ug/l	100
78) n-propylbenzene	10.909	91	622684	50.307	ug/l	99
79) 2-Chlorotoluene	10.989	91	363384	46.836	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	434899	48.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	59665	41.621	ug/l	99
82) 4-Chlorotoluene	11.099	91	421963	48.116	ug/l	100
83) tert-Butylbenzene	11.423	119	409584	47.325	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	428623	48.691	ug/l	100
85) sec-Butylbenzene	11.648	105	551985	49.525	ug/l	100
86) p-Isopropyltoluene	11.796	119	448263	49.998	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	220761	47.002	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	224837	46.794	ug/l	99
89) n-Butylbenzene	12.211	91	420483	50.920	ug/l	99
90) Hexachloroethane	12.478	117	75037	46.348	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	221452	46.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	48068	46.355	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	136878	51.156	ug/l	99
94) Hexachlorobutadiene	14.024	225	52240	46.770	ug/l	99
95) Naphthalene	14.089	128	518975	51.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	136629	50.844	ug/l	99

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

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