

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044953.D
 Acq On : 28 Sep 2021 19:51
 Operator : SY/MD
 Sample : M3829-12MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D2-20210917MSD

Quant Time: Sep 29 05:47:24 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	147232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	268770	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	261877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	131840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	124901	50.962	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.920%			
35) Dibromofluoromethane	5.295	113	86986	51.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	7.902	98	346239	51.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.360%			
62) 4-Bromofluorobenzene	10.635	95	131708	47.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	91735	50.315	ug/l	99
3) Chloromethane	1.523	50	108978	46.146	ug/l	99
4) Vinyl Chloride	1.607	62	120706	51.189	ug/l	99
5) Bromomethane	1.848	94	81315	87.912	ug/l	100
6) Chloroethane	1.932	64	78244	43.193	ug/l	98
7) Trichlorofluoromethane	2.141	101	156165	50.149	ug/l	98
8) Diethyl Ether	2.378	74	70610	49.477	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.581	101	88989	50.248	ug/l	99
10) Methyl Iodide	2.726	142	78975	41.781	ug/l	97
11) Tert butyl alcohol	3.182	59	129146	183.600	ug/l	100
12) 1,1-Dichloroethene	2.581	96	89285	51.148	ug/l	92
13) Acrolein	2.488	56	33296	242.862	ug/l	98
14) Allyl chloride	2.928	41	156339	48.395	ug/l	94
15) Acrylonitrile	3.317	53	334919	236.089	ug/l	100
16) Acetone	2.626	43	273751	188.173	ug/l	99
17) Carbon Disulfide	2.796	76	251781	48.861	ug/l	100
18) Methyl Acetate	2.951	43	199437	46.906	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	334038	49.571	ug/l	99
20) Methylene Chloride	3.051	84	107139	48.895	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	94901	49.697	ug/l	98
22) Diisopropyl ether	3.999	45	318148	48.238	ug/l	97
23) Vinyl Acetate	3.960	43	1340670	249.933	ug/l	98
24) 1,1-Dichloroethane	3.874	63	190358	50.277	ug/l	99
25) 2-Butanone	4.703	43	454206	219.752	ug/l	98
26) 2,2-Dichloropropane	4.671	77	145405	45.424	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	112752	49.993	ug/l	98
28) Bromochloromethane	4.980	49	81832	52.146	ug/l	95
29) Tetrahydrofuran	5.054	42	295796	240.410	ug/l	96
30) Chloroform	5.095	83	189337	49.615	ug/l	97
31) Cyclohexane	5.391	56	172428	46.316	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	157716	50.090	ug/l	99
36) 1,1-Dichloropropene	5.529	75	139625	49.676	ug/l	99
37) Ethyl Acetate	4.806	43	176165	47.370	ug/l	99
38) Carbon Tetrachloride	5.529	117	127002	52.218	ug/l	98
39) Methylcyclohexane	6.767	83	168347	48.789	ug/l	96
40) Benzene	5.780	78	411460	49.152	ug/l	98

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41) Methacrylonitrile	4.976	41	93070	48.613	ug/l	96
42) 1,2-Dichloroethane	5.800	62	161846	49.189	ug/l	100
43) Isopropyl Acetate	5.915	43	267444	47.802	ug/l	98
44) Trichloroethene	6.546	130	427290	216.490	ug/l	99
45) 1,2-Dichloropropane	6.796	63	108053	48.685	ug/l	96
46) Dibromomethane	6.922	93	74874	50.079	ug/l	98
47) Bromodichloromethane	7.108	83	147439	50.789	ug/l	99
48) Methyl methacrylate	6.964	41	128756	47.279	ug/l	95
49) 1,4-Dioxane	6.964	88	42967	603.787	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	900952	221.195	ug/l	99
52) Toluene	7.973	92	261126	49.840	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	164826	49.651	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	174535	50.474	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	106265	48.678	ug/l	99
56) Ethyl methacrylate	8.336	69	180447	42.841	ug/l	99
57) 1,3-Dichloropropane	8.578	76	188306	48.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	1781	23.071	ug/l	95
59) 2-Hexanone	8.687	43	705938	212.832	ug/l	97
60) Dibromochloromethane	8.816	129	105122	45.615	ug/l	99
61) 1,2-Dibromoethane	8.928	107	114394	49.297	ug/l	100
64) Tetrachloroethene	8.558	164	85485	50.014	ug/l	95
65) Chlorobenzene	9.449	112	268418	48.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	92656	48.337	ug/l	99
67) Ethyl Benzene	9.574	91	505357	50.019	ug/l	100
68) m/p-Xylenes	9.697	106	383600	97.729	ug/l	97
69) o-Xylene	10.102	106	189358	48.608	ug/l	100
70) Styrene	10.118	104	314973	48.195	ug/l	99
71) Bromoform	10.295	173	75203	41.125	ug/l #	99
73) Isopropylbenzene	10.488	105	490731	49.983	ug/l	99
74) N-amyl acetate	10.324	43	231688	46.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	187815	44.212	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	167414m	43.535	ug/l	
77) Bromobenzene	10.787	156	113277	47.781	ug/l	99
78) n-propylbenzene	10.909	91	604409	50.517	ug/l	100
79) 2-Chlorotoluene	10.989	91	356534	47.540	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	424079	49.306	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	58473	42.198	ug/l	99
82) 4-Chlorotoluene	11.098	91	411659	48.562	ug/l	100
83) tert-Butylbenzene	11.423	119	401582	48.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	422965	49.707	ug/l	99
85) sec-Butylbenzene	11.648	105	536791	49.825	ug/l	100
86) p-Isopropyltoluene	11.796	119	435913	50.300	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	216256	47.633	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	218238	46.990	ug/l	99
89) n-Butylbenzene	12.211	91	411369	51.537	ug/l	99
90) Hexachloroethane	12.478	117	73643	47.058	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	216862	46.727	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	47224	47.114	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	133379	51.569	ug/l	99
94) Hexachlorobutadiene	14.024	225	50864	47.110	ug/l	98
95) Naphthalene	14.089	128	498709	51.267	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	133446	51.374	ug/l	99

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

