

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043064.D
 Acq On : 13 Apr 2021 20:02
 Operator : SY/MD
 Sample : M1966-07MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123RMSD

Manual Integrations
 APPROVED

MMDadoda
 4/14/2021 6:27:58 PM

Quant Time: Apr 14 03:54:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	118657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204060	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	185979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	98495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	109568	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
35) Dibromofluoromethane	5.298	113	75122	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	7.906	98	246656	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	10.639	95	96214	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56141	45.86	ug/l	99
3) Chloromethane	1.524	50	77183	59.38	ug/l	99
4) Vinyl Chloride	1.607	62	69761	52.26	ug/l #	76
5) Bromomethane	1.858	94	30138	41.43	ug/l	98
6) Chloroethane	1.932	64	62938	68.36	ug/l	94
7) Trichlorofluoromethane	2.138	101	107838	47.54	ug/l	98
8) Diethyl Ether	2.382	74	41338	56.91	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.585	101	47318	40.54	ug/l	98
10) Methyl Iodide	2.729	142	65839	42.80	ug/l	99
11) Tert butyl alcohol	3.202	59	243811m	474.25	ug/l	
12) 1,1-Dichloroethene	2.585	96	58066	52.27	ug/l	100
13) Acrolein	2.491	56	39852	129.59	ug/l	99
14) Allyl chloride	2.929	41	147097	54.57	ug/l	98
15) Acrylonitrile	3.321	53	345111	312.08	ug/l	100
16) Acetone	2.636	43	519406	442.69	ug/l	100
17) Carbon Disulfide	2.800	76	166886	48.85	ug/l	100
18) Methyl Acetate	2.954	43	134618	53.99	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	269139	61.32	ug/l	97
20) Methylene Chloride	3.051	84	73432	51.83	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	67860	52.30	ug/l	97
22) Diisopropyl ether	3.999	45	299696	58.12	ug/l	97
23) Vinyl Acetate	3.964	43	1241763	248.84	ug/l	99
24) 1,1-Dichloroethane	3.877	63	140134	53.75	ug/l	100
25) 2-Butanone	4.713	43	621902	343.21	ug/l	100
26) 2,2-Dichloropropane	4.671	77	77465	33.87	ug/l	98
27) cis-1,2-Dichloroethene	4.675	96	81973	55.52	ug/l	100
28) Bromochloromethane	4.983	49	73669	55.40	ug/l	97
29) Tetrahydrofuran	5.057	42	374759	328.45	ug/l	98
30) Chloroform	5.096	83	151685	54.93	ug/l	96
31) Cyclohexane	5.395	56	101751	41.35	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	128542	52.66	ug/l	99
36) 1,1-Dichloropropene	5.533	75	94551	43.68	ug/l	99
37) Ethyl Acetate	4.810	43	178400	48.19	ug/l	98
38) Carbon Tetrachloride	5.533	117	105412	45.42	ug/l	98
39) Methylcyclohexane	6.771	83	82110	34.50	ug/l	97
40) Benzene	5.781	78	302558	48.91	ug/l	98

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41) Methacrylonitrile	4.980	41	109367	56.20	ug/l	98
42) 1,2-Dichloroethane	5.803	62	143584	52.33	ug/l	99
43) Isopropyl Acetate	5.919	43	269183	50.99	ug/l	97
44) Trichloroethene	6.549	130	72810	46.41	ug/l	97
45) 1,2-Dichloropropane	6.797	63	87111	50.55	ug/l	99
46) Dibromomethane	6.925	93	63614	52.19	ug/l	98
47) Bromodichloromethane	7.112	83	123361	51.27	ug/l	100
48) Methyl methacrylate	6.967	41	145792	55.01	ug/l	98
49) 1,4-Dioxane	6.999	88	60650	1142.16	ug/l #	99
51) 4-Methyl-2-Pentanone	7.800	43	1108757	283.88	ug/l	99
52) Toluene	7.977	92	179901	46.91	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	125467	46.96	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	126222	46.53	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	84339	51.27	ug/l	98
56) Ethyl methacrylate	8.340	69	145520	54.01	ug/l	98
57) 1,3-Dichloropropane	8.581	76	143337	50.44	ug/l	99
59) 2-Hexanone	8.694	43	939838	292.23	ug/l	100
60) Dibromochloromethane	8.816	129	97102	51.04	ug/l	100
61) 1,2-Dibromoethane	8.932	107	96238	51.87	ug/l	99
64) Tetrachloroethene	8.559	164	58486	43.34	ug/l	94
65) Chlorobenzene	9.452	112	194496	48.77	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	81462	53.43	ug/l	99
67) Ethyl Benzene	9.578	91	343051	47.66	ug/l	99
68) m/p-Xylenes	9.700	106	252434	94.79	ug/l	100
69) o-Xylene	10.105	106	127882	49.20	ug/l	100
70) Styrene	10.121	104	210707	48.14	ug/l	100
71) Bromoform	10.298	173	82130	52.28	ug/l #	98
73) Isopropylbenzene	10.491	105	328417	49.68	ug/l	100
74) N-amyl acetate	10.327	43	216364	50.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	163229	56.71	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	155763m	54.12	ug/l	
77) Bromobenzene	10.790	156	95150	51.67	ug/l	99
78) n-propylbenzene	10.912	91	379018	47.89	ug/l	99
79) 2-Chlorotoluene	10.993	91	238288	49.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	289280	49.57	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.555	75	44100	45.02	ug/l	96
82) 4-Chlorotoluene	11.102	91	283086	48.99	ug/l	99
83) tert-Butylbenzene	11.427	119	281261	49.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	292062	48.71	ug/l	99
85) sec-Butylbenzene	11.652	105	308005	45.81	ug/l	99
86) p-Isopropyltoluene	11.800	119	283576	45.82	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	161605	48.41	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	164162	47.14	ug/l	100
89) n-Butylbenzene	12.214	91	251599	43.40	ug/l	99
90) Hexachloroethane	12.481	117	50511	43.53	ug/l	100
91) 1,2-Dichlorobenzene	12.218	146	169234	49.61	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	53054	65.10	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	114841	50.89	ug/l	98
94) Hexachlorobutadiene	14.028	225	48696	43.07	ug/l	96
95) Naphthalene	14.092	128	483542	66.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	121255	55.29	ug/l	100

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

