

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043063.D
 Acq On : 13 Apr 2021 19:40
 Operator : SY/MD
 Sample : M1966-06MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-123RMS

Manual Integrations
 APPROVED

MMDadoda
 4/14/2021 6:27:59 PM

Quant Time: Apr 14 03:54:10 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	124432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	206723	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	202202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104343	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	5.298	113	71848	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	7.906	98	259072	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	10.639	95	103908	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	60828	47.38	ug/l	98
3) Chloromethane	1.523	50	79116	58.02	ug/l	98
4) Vinyl Chloride	1.607	62	70550	50.40	ug/l #	81
5) Bromomethane	1.858	94	33852	44.37	ug/l	97
6) Chloroethane	1.932	64	60975	63.15	ug/l	94
7) Trichlorofluoromethane	2.137	101	119800	50.36	ug/l	100
8) Diethyl Ether	2.382	74	40706	53.44	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	57839	47.25	ug/l	99
10) Methyl Iodide	2.726	142	65886	40.85	ug/l	99
11) Tert butyl alcohol	3.198	59	249123m	462.09	ug/l	
12) 1,1-Dichloroethene	2.584	96	59980	51.49	ug/l	98
13) Acrolein	2.491	56	44312	136.78	ug/l	99
14) Allyl chloride	2.928	41	144398	51.08	ug/l	97
15) Acrylonitrile	3.324	53	333244	287.36	ug/l	99
16) Acetone	2.636	43	512615	416.61	ug/l	99
17) Carbon Disulfide	2.800	76	175764	49.06	ug/l	98
18) Methyl Acetate	2.954	43	127764	48.86	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	255897	55.60	ug/l	98
20) Methylene Chloride	3.054	84	73603	49.54	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	69461	51.05	ug/l	98
22) Diisopropyl ether	3.999	45	293012	54.19	ug/l	96
23) Vinyl Acetate	3.964	43	1190546	227.51	ug/l	99
24) 1,1-Dichloroethane	3.877	63	142414	52.08	ug/l	99
25) 2-Butanone	4.713	43	608359	320.15	ug/l	100
26) 2,2-Dichloropropane	4.674	77	76467	31.88	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	81187	52.44	ug/l	97
28) Bromochloromethane	4.983	49	73675	52.84	ug/l	94
29) Tetrahydrofuran	5.060	42	378263	316.13	ug/l	98
30) Chloroform	5.095	83	152548	52.68	ug/l	98
31) Cyclohexane	5.394	56	128798	49.91	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	133818	52.27	ug/l	99
36) 1,1-Dichloropropene	5.533	75	104060	47.45	ug/l	100
37) Ethyl Acetate	4.809	43	177172	47.24	ug/l	98
38) Carbon Tetrachloride	5.533	117	113801	48.40	ug/l	95
39) Methylcyclohexane	6.771	83	105924	43.93	ug/l	93
40) Benzene	5.780	78	306382	48.89	ug/l	97

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41) Methacrylonitrile	4.980	41	106547	54.04	ug/l	97
42) 1,2-Dichloroethane	5.803	62	141631	50.95	ug/l	100
43) Isopropyl Acetate	5.919	43	265725	49.69	ug/l	97
44) Trichloroethene	6.549	130	76612	48.20	ug/l	96
45) 1,2-Dichloropropane	6.800	63	86569	49.59	ug/l	97
46) Dibromomethane	6.925	93	61307	49.65	ug/l	96
47) Bromodichloromethane	7.111	83	121418	49.82	ug/l	99
48) Methyl methacrylate	6.967	41	144459	53.81	ug/l	97
49) 1,4-Dioxane	7.002	88	60969	1133.38	ug/l #	100
51) 4-Methyl-2-Pentanone	7.800	43	1114989	281.80	ug/l	99
52) Toluene	7.976	92	198092	50.99	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	127875	47.25	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	125929	45.82	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	83942	50.37	ug/l	99
56) Ethyl methacrylate	8.340	69	145509	53.31	ug/l	96
57) 1,3-Dichloropropane	8.581	76	147301	51.16	ug/l	99
59) 2-Hexanone	8.693	43	959472	294.49	ug/l	99
60) Dibromochloromethane	8.819	129	98139	50.92	ug/l	100
61) 1,2-Dibromoethane	8.931	107	98058	52.17	ug/l	97
64) Tetrachloroethene	8.558	164	66345	45.22	ug/l	98
65) Chlorobenzene	9.452	112	211598	48.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	86054	51.91	ug/l	99
67) Ethyl Benzene	9.578	91	392315	50.13	ug/l	99
68) m/p-Xylenes	9.700	106	287011	99.13	ug/l	99
69) o-Xylene	10.108	106	140367	49.67	ug/l	98
70) Styrene	10.121	104	232144	48.78	ug/l	99
71) Bromoform	10.298	173	84558	49.51	ug/l #	98
73) Isopropylbenzene	10.491	105	386683	52.60	ug/l	99
74) N-amyl acetate	10.327	43	221550	46.90	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	164736	51.46	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	157119m	49.09	ug/l	
77) Bromobenzene	10.790	156	103810	50.69	ug/l	100
78) n-propylbenzene	10.912	91	448908	51.00	ug/l	99
79) 2-Chlorotoluene	10.992	91	268958	50.28	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	337907	52.07	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	46436	42.63	ug/l	97
82) 4-Chlorotoluene	11.102	91	323262	50.30	ug/l	98
83) tert-Butylbenzene	11.426	119	332514	52.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	341977	51.28	ug/l	98
85) sec-Butylbenzene	11.648	105	377049	50.42	ug/l	99
86) p-Isopropyltoluene	11.799	119	348529	50.63	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	181416	48.86	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	184163	47.55	ug/l	99
89) n-Butylbenzene	12.214	91	310621	48.18	ug/l	99
90) Hexachloroethane	12.481	117	62609	48.52	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	186428	49.14	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	55556	61.30	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	127566	50.83	ug/l	99
94) Hexachlorobutadiene	14.028	225	59962	47.74	ug/l	99
95) Naphthalene	14.092	128	497831	62.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	130574	53.58	ug/l	100

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

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