

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044053.D
 Acq On : 07 Jun 2021 13:23
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:50:08 PM

Quant Time: Jun 08 04:55:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 04:55:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	195334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	362541	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	349566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	161777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000			Recovery	=	0.000%	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000			Recovery	=	0.000%	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000			Recovery	=	0.000%	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000			Recovery	=	0.000%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2981	1.168	ug/l	94
3) Chloromethane	1.523	50	5244	1.396	ug/l	97
4) Vinyl Chloride	1.610	62	3967	1.241	ug/l	99
6) Chloroethane	1.929	64	2367	1.161	ug/l #	81
7) Trichlorofluoromethane	2.141	101	4422	1.058	ug/l	93
8) Diethyl Ether	2.382	74	2192	1.408	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	2807	1.197	ug/l	94
12) 1,1-Dichloroethene	2.584	96	2331	1.024	ug/l	88
14) Allyl chloride	2.932	41	5255	0.950	ug/l	95
15) Acrylonitrile	3.324	53	9424	4.896	ug/l	97
16) Acetone	2.633	43	10719	4.996	ug/l	96
17) Carbon Disulfide	2.800	76	8823	1.205	ug/l	99
18) Methyl Acetate	2.961	43	4360	0.886	ug/l	99
19) Methyl tert-butyl Ether	3.375	73	6903	0.898	ug/l	99
20) Methylene Chloride	3.054	84	4969	1.589	ug/l	97
21) trans-1,2-Dichloroethene	3.363	96	2686	1.083	ug/l	95
22) Diisopropyl ether	4.002	45	7832	0.827	ug/l #	72
23) Vinyl Acetate	3.967	43	33772	3.505	ug/l	97
24) 1,1-Dichloroethane	3.877	63	6031	1.081	ug/l #	93
25) 2-Butanone	4.716	43	12833	3.891	ug/l	96
26) 2,2-Dichloropropane	4.671	77	4128	1.086	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	2916	1.025	ug/l	97
28) Bromochloromethane	4.983	49	3134	1.106	ug/l #	96
29) Tetrahydrofuran	5.063	42	7255	3.880	ug/l	90
30) Chloroform	5.099	83	5752	1.070	ug/l	94
32) 1,1,1-Trichloroethane	5.324	97	4668	1.027	ug/l #	51
36) 1,1-Dichloropropene	5.536	75	4086	1.001	ug/l	97
37) Ethyl Acetate	4.819	43	5171	0.773	ug/l #	91
38) Carbon Tetrachloride	5.533	117	3928	0.964	ug/l	97
39) Methylcyclohexane	6.771	83	4018	1.000	ug/l	97
40) Benzene	5.784	78	12653	1.030	ug/l	100
41) Methacrylonitrile	4.993	41	2361	0.690	ug/l	95
42) 1,2-Dichloroethane	5.800	62	4409	0.843	ug/l	94
43) Isopropyl Acetate	5.922	43	6998	0.719	ug/l #	91
44) Trichloroethene	6.549	130	2823	0.993	ug/l	99
45) 1,2-Dichloropropane	6.800	63	3466	0.967	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.928	93	2279	1.017	ug/l	88
47) Bromodichloromethane	7.112	83	4271	0.938	ug/l #	98
48) Methyl methacrylate	6.967	41	3152	0.644	ug/l	98
49) 1,4-Dioxane	6.980	88	1558	18.910	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	22410	3.210	ug/l	93
52) Toluene	7.977	92	6412	0.901	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	3706	0.781	ug/l #	68
54) cis-1,3-Dichloropropene	7.613	75	4763	0.943	ug/l #	91
55) 1,1,2-Trichloroethane	8.407	97	3096	1.004	ug/l	90
56) Ethyl methacrylate	8.340	69	3444	0.710	ug/l #	95
57) 1,3-Dichloropropane	8.584	76	5394	0.980	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.469	63	4358	2.982	ug/l	98
59) 2-Hexanone	8.694	43	15256	2.746	ug/l	90
60) Dibromochloromethane	8.819	129	2817	0.868	ug/l	97
61) 1,2-Dibromoethane	8.931	107	2875	0.870	ug/l	99
64) Tetrachloroethene	8.562	164	2118	0.809	ug/l	88
65) Chlorobenzene	9.452	112	7492	0.983	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.539	131	2657	0.919	ug/l #	64
67) Ethyl Benzene	9.578	91	12183	0.887	ug/l	98
68) m/p-Xylenes	9.703	106	8267	1.638	ug/l	95
69) o-Xylene	10.108	106	4065	0.834	ug/l	88
70) Styrene	10.121	104	6299	0.765	ug/l	96
71) Bromoform	10.298	173	2257	0.860	ug/l #	95
73) Isopropylbenzene	10.491	105	9745	0.852	ug/l	97
74) N-amyl acetate	10.330	43	4151	0.579	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	10.790	83	5440	1.012	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	4752m	0.925	ug/l	
77) Bromobenzene	10.790	156	2511	0.861	ug/l	98
78) n-propylbenzene	10.912	91	12484	0.888	ug/l	98
79) 2-Chlorotoluene	10.996	91	7841	0.902	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	8193	0.842	ug/l	93
82) 4-Chlorotoluene	11.102	91	8575	0.861	ug/l	98
83) tert-Butylbenzene	11.427	119	7885	0.829	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	7096	0.725	ug/l	100
85) sec-Butylbenzene	11.652	105	9347	0.797	ug/l	99
86) p-Isopropyltoluene	11.800	119	7537	0.759	ug/l	88
87) 1,3-Dichlorobenzene	11.751	146	5228	0.940	ug/l	97
88) 1,4-Dichlorobenzene	11.841	146	6133	1.066	ug/l	98
89) n-Butylbenzene	12.214	91	8623	0.890	ug/l	94
90) Hexachloroethane	12.484	117	1809	1.107	ug/l	93
91) 1,2-Dichlorobenzene	12.221	146	5282	0.926	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.005	75	1103	0.849	ug/l	89
93) 1,2,4-Trichlorobenzene	13.848	180	2626	0.717	ug/l	98
94) Hexachlorobutadiene	14.028	225	1793	1.014	ug/l	91
95) Naphthalene	14.095	128	6026	0.520	ug/l	98
96) 1,2,3-Trichlorobenzene	14.343	180	2345	0.644	ug/l	98

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

