

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044060.D
 Acq On : 07 Jun 2021 17:06
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU060721

Manual Integrations
 APPROVED

SAM
 6/8/2021 6:52:17 PM

Quant Time: Jun 08 17:39:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	243086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	426051	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	418564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	226813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	194843	46.024	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.040%	
35) Dibromofluoromethane	5.298	113	142763	46.956	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.920%	
50) Toluene-d8	7.906	98	565907	48.255	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.520%	
62) 4-Bromofluorobenzene	10.639	95	227492	48.996	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	174642	48.218	ug/l	98
3) Chloromethane	1.523	50	222426	49.677	ug/l	100
4) Vinyl Chloride	1.610	62	208130	46.242	ug/l	99
5) Bromomethane	1.839	94	91011	48.774	ug/l	99
6) Chloroethane	1.925	64	124313	45.165	ug/l	98
7) Trichlorofluoromethane	2.138	101	241671	46.716	ug/l	98
8) Diethyl Ether	2.382	74	103094	46.310	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.585	101	145237	46.431	ug/l	100
10) Methyl Iodide	2.729	142	173699	47.636	ug/l	99
11) Tert butyl alcohol	3.202	59	259746	247.479	ug/l	99
12) 1,1-Dichloroethene	2.585	96	144342	48.245	ug/l	99
13) Acrolein	2.491	56	173409	210.148	ug/l	99
14) Allyl chloride	2.929	41	290496	47.520	ug/l	99
15) Acrylonitrile	3.321	53	567447	243.490	ug/l	100
16) Acetone	2.630	43	613122	250.931	ug/l	100
17) Carbon Disulfide	2.797	76	462088	46.372	ug/l	100
18) Methyl Acetate	2.954	43	264717	49.129	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	463353	50.598	ug/l	100
20) Methylene Chloride	3.054	84	179389	48.917	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	161924	48.251	ug/l	98
22) Diisopropyl ether	4.002	45	516941	49.725	ug/l	99
23) Vinyl Acetate	3.964	43	2527190	257.746	ug/l	100
24) 1,1-Dichloroethane	3.877	63	317641	46.688	ug/l	100
25) 2-Butanone	4.710	43	881308	252.801	ug/l	100
26) 2,2-Dichloropropane	4.674	77	239892	49.167	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	178563	48.117	ug/l	99
28) Bromochloromethane	4.983	49	159187	45.938	ug/l	99
29) Tetrahydrofuran	5.057	42	484627	250.428	ug/l	99
30) Chloroform	5.099	83	304306	46.502	ug/l	100
31) Cyclohexane	5.398	56	273154	46.744	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	249551	47.451	ug/l	99
36) 1,1-Dichloropropene	5.536	75	237033	49.382	ug/l	99
37) Ethyl Acetate	4.810	43	303332	50.165	ug/l	99
38) Carbon Tetrachloride	5.533	117	208915	48.171	ug/l	100
39) Methylcyclohexane	6.771	83	255630	51.552	ug/l	98
40) Benzene	5.784	78	700585	48.424	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	162558	51.136	ug/l	99
42) 1,2-Dichloroethane	5.803	62	246953	47.822	ug/l	100
43) Isopropyl Acetate	5.919	43	434533	50.820	ug/l	99
44) Trichloroethene	6.549	130	156297	48.893	ug/l	99
45) 1,2-Dichloropropane	6.800	63	189262	47.934	ug/l	96
46) Dibromomethane	6.925	93	119934	47.762	ug/l	99
47) Bromodichloromethane	7.115	83	241062	48.292	ug/l	99
48) Methyl methacrylate	6.967	41	219158	51.981	ug/l	100
49) 1,4-Dioxane	6.973	88	109578	1057.098	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	1628357	256.438	ug/l	99
52) Toluene	7.977	92	422789	50.076	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	277116	52.135	ug/l	97
54) cis-1,3-Dichloropropene	7.616	75	295590	50.357	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	172544	48.187	ug/l	99
56) Ethyl methacrylate	8.340	69	298484	47.107	ug/l	99
57) 1,3-Dichloropropane	8.584	76	311716	48.224	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	423294	230.363	ug/l	100
59) 2-Hexanone	8.694	43	1312839	266.052	ug/l	99
60) Dibromochloromethane	8.819	129	174189	48.822	ug/l	100
61) 1,2-Dibromoethane	8.932	107	180798	49.320	ug/l	100
64) Tetrachloroethene	8.559	164	136598	50.831	ug/l	98
65) Chlorobenzene	9.456	112	430298	48.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	152158	48.858	ug/l	99
67) Ethyl Benzene	9.578	91	830585	51.837	ug/l	100
68) m/p-Xylenes	9.700	106	627237	105.628	ug/l	100
69) o-Xylene	10.108	106	299820	52.708	ug/l	99
70) Styrene	10.121	104	524532	53.891	ug/l	100
71) Bromoform	10.298	173	133299	49.054	ug/l #	99
73) Isopropylbenzene	10.491	105	812391	53.226	ug/l	100
74) N-amyl acetate	10.327	43	377659	54.046	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	332301	47.902	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	304658m	48.016	ug/l	
77) Bromobenzene	10.790	156	186145	50.609	ug/l	98
78) n-propylbenzene	10.912	91	1042596	52.942	ug/l	100
79) 2-Chlorotoluene	10.993	91	606508	51.368	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	725944	53.447	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	112083	51.582	ug/l	99
82) 4-Chlorotoluene	11.105	91	722223	52.263	ug/l	100
83) tert-Butylbenzene	11.430	119	665733	52.781	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	732061	49.969	ug/l	100
85) sec-Butylbenzene	11.652	105	887761	53.947	ug/l	100
86) p-Isopropyltoluene	11.800	119	770004	55.067	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	366966	50.062	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	375602	48.523	ug/l	99
89) n-Butylbenzene	12.218	91	760292	53.785	ug/l	99
90) Hexachloroethane	12.484	117	116148	48.444	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	361421	49.671	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	77567	51.014	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	229265	53.794	ug/l	98
94) Hexachlorobutadiene	14.028	225	122253	50.316	ug/l	99
95) Naphthalene	14.095	128	761138	49.255	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	224953	54.793	ug/l	100

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

