

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043568.D
 Acq On : 05 May 2021 23:13
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:52:09 PM

Quant Time: May 06 06:54:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 06:50:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	99982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	167314	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	158883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	204228	116.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	233.46%	
35) Dibromofluoromethane	5.298	113	136260	107.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	214.56%	
50) Toluene-d8	7.906	98	499766	111.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	222.48%	
62) 4-Bromofluorobenzene	10.639	95	192376	108.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	217.38%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	141826	130.28	ug/l	97
3) Chloromethane	1.520	50	171897	129.75	ug/l	100
4) Vinyl Chloride	1.607	62	161178	134.12	ug/l	100
5) Bromomethane	1.845	94	80679	121.57	ug/l	99
6) Chloroethane	1.922	64	97533	108.47	ug/l	99
7) Trichlorofluoromethane	2.134	101	220716	112.20	ug/l	100
8) Diethyl Ether	2.382	74	81186	126.03	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	123669	120.86	ug/l	99
10) Methyl Iodide	2.726	142	164146	123.59	ug/l	99
11) Tert butyl alcohol	3.247	59	273245m	613.83	ug/l	
12) 1,1-Dichloroethene	2.581	96	122144	124.23	ug/l	94
13) Acrolein	2.491	56	121153	500.19	ug/l	97
14) Allyl chloride	2.928	41	314924	130.93	ug/l	99
15) Acrylonitrile	3.321	53	537111	564.38	ug/l	98
16) Acetone	2.636	43	585071	543.00	ug/l	99
17) Carbon Disulfide	2.793	76	376981	124.38	ug/l	99
18) Methyl Acetate	2.954	43	279700	127.01	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	440354	116.01	ug/l	99
20) Methylene Chloride	3.051	84	152077	121.33	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	138248	121.10	ug/l	95
22) Diisopropyl ether	4.002	45	554755	122.68	ug/l	94
23) Vinyl Acetate	3.964	43	2947168	667.10	ug/l	100
24) 1,1-Dichloroethane	3.877	63	299418	128.66	ug/l	100
25) 2-Butanone	4.710	43	968164	616.42	ug/l	100
26) 2,2-Dichloropropane	4.674	77	204910	105.68	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	158329	122.44	ug/l	99
28) Bromochloromethane	4.983	49	150392	127.22	ug/l	98
29) Tetrahydrofuran	5.057	42	563452	577.78	ug/l	99
30) Chloroform	5.099	83	291427	120.42	ug/l	99
31) Cyclohexane	5.394	56	242115	113.05	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	248069	116.99	ug/l	97
36) 1,1-Dichloropropene	5.533	75	213187	117.87	ug/l	99
37) Ethyl Acetate	4.809	43	354388	114.37	ug/l	99
38) Carbon Tetrachloride	5.533	117	210672	110.35	ug/l	100
39) Methylcyclohexane	6.771	83	210871	108.91	ug/l	99
40) Benzene	5.784	78	608819	116.92	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	194805	119.20	ug/l	99
42) 1,2-Dichloroethane	5.803	62	263653	114.59	ug/l	98
43) Isopropyl Acetate	5.919	43	531536	120.27	ug/l	100
44) Trichloroethene	6.549	130	149167	114.39	ug/l	100
45) 1,2-Dichloropropane	6.800	63	178382	122.47	ug/l	99
46) Dibromomethane	6.925	93	117533	115.14	ug/l	98
47) Bromodichloromethane	7.115	83	234027	116.20	ug/l	96
48) Methyl methacrylate	6.967	41	268225	121.23	ug/l	100
49) 1,4-Dioxane	6.986	88	91483	2152.01	ug/l	97
51) 4-Methyl-2-Pentanone	7.803	43	1949441	601.96	ug/l	100
52) Toluene	7.976	92	368038	115.35	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	250447	113.58	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	265441	117.84	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	154040	112.40	ug/l	99
56) Ethyl methacrylate	8.340	69	275014	123.36	ug/l	99
57) 1,3-Dichloropropane	8.584	76	281324	118.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	427912	558.93	ug/l	99
59) 2-Hexanone	8.697	43	1610074	609.37	ug/l	100
60) Dibromochloromethane	8.819	129	170061	109.53	ug/l	99
61) 1,2-Dibromoethane	8.931	107	171816	112.29	ug/l	100
64) Tetrachloroethene	8.562	164	133601	113.06	ug/l	98
65) Chlorobenzene	9.452	112	375387	108.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	145378	110.45	ug/l	99
67) Ethyl Benzene	9.578	91	728523	116.32	ug/l	99
68) m/p-Xylenes	9.700	106	531777	230.19	ug/l	99
69) o-Xylene	10.108	106	256507	113.97	ug/l	99
70) Styrene	10.121	104	449938	118.45	ug/l	99
71) Bromoform	10.301	173	141119	105.93	ug/l #	100
73) Isopropylbenzene	10.491	105	695936	113.59	ug/l	100
74) N-amyl acetate	10.327	43	498190	126.24	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	311482	116.65	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	303499m	113.33	ug/l	
77) Bromobenzene	10.790	156	172673	102.51	ug/l	99
78) n-propylbenzene	10.912	91	871414	118.12	ug/l	100
79) 2-Chlorotoluene	10.992	91	511245	114.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	615433	114.52	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	96798	110.78	ug/l	93
82) 4-Chlorotoluene	11.105	91	612713	114.32	ug/l	100
83) tert-Butylbenzene	11.430	119	584193	111.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	621814	112.85	ug/l	100
85) sec-Butylbenzene	11.651	105	734232	117.45	ug/l	99
86) p-Isopropyltoluene	11.799	119	637205	112.53	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	323940	106.21	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	327570	103.06	ug/l	99
89) n-Butylbenzene	12.214	91	631761	119.08	ug/l	100
90) Hexachloroethane	12.484	117	95016	92.86	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	338795	108.34	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	86330	116.47	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	233643	111.18	ug/l	99
94) Hexachlorobutadiene	14.028	225	109079	97.91	ug/l	100
95) Naphthalene	14.095	128	819695	126.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	238759	115.21	ug/l	99

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

