

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
 Data File : VU044135.D
 Acq On : 09 Jun 2021 12:12
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 10 04:48:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 04:45:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	156976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	271712	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	264153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	143936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	120959	45.916	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.840%	
35) Dibromofluoromethane	5.298	113	93404	46.028	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.060%	
50) Toluene-d8	7.906	98	358850	49.395	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.800%	
62) 4-Bromofluorobenzene	10.639	95	142379	49.041	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	106711	62.389	ug/l	100
3) Chloromethane	1.523	50	128428	62.003	ug/l	100
4) Vinyl Chloride	1.610	62	123341	65.092	ug/l	100
5) Bromomethane	1.839	94	59608	59.406	ug/l	100
6) Chloroethane	1.925	64	74720	53.106	ug/l	100
7) Trichlorofluoromethane	2.138	101	149375	49.484	ug/l	100
8) Diethyl Ether	2.382	74	61695	61.079	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	90209	56.561	ug/l	100
10) Methyl Iodide	2.726	142	116841	56.249	ug/l	100
11) Tert butyl alcohol	3.199	59	155777	232.150	ug/l	100
12) 1,1-Dichloroethene	2.584	96	90545	59.096	ug/l	100
13) Acrolein	2.491	56	91291	238.624	ug/l	100
14) Allyl chloride	2.929	41	171308	47.911	ug/l	100
15) Acrylonitrile	3.321	53	343915	235.699	ug/l	100
16) Acetone	2.633	43	316758	195.457	ug/l	100
17) Carbon Disulfide	2.797	76	285125	59.892	ug/l	100
18) Methyl Acetate	2.954	43	157179	47.637	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	293084	50.246	ug/l	100
20) Methylene Chloride	3.051	84	113567	57.942	ug/l	100
21) trans-1,2-Dichloroethene	3.359	96	101841	57.131	ug/l	100
22) Diisopropyl ether	4.002	45	308389	45.826	ug/l	100
23) Vinyl Acetate	3.964	43	1486659	228.986	ug/l	100
24) 1,1-Dichloroethane	3.877	63	194144	54.837	ug/l	100
25) 2-Butanone	4.710	43	505877	215.952	ug/l	100
26) 2,2-Dichloropropane	4.674	77	152648	50.298	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	112750	56.268	ug/l	100
28) Bromochloromethane	4.983	49	93064	51.812	ug/l	100
29) Tetrahydrofuran	5.057	42	286220	196.824	ug/l	100
30) Chloroform	5.096	83	189164	51.286	ug/l	100
31) Cyclohexane	5.395	56	164674	49.930	ug/l	100
32) 1,1,1-Trichloroethane	5.324	97	158048	49.021	ug/l	100
36) 1,1-Dichloropropene	5.533	75	146079	50.665	ug/l	100
37) Ethyl Acetate	4.809	43	177213	37.411	ug/l	100
38) Carbon Tetrachloride	5.533	117	133056	44.203	ug/l	100
39) Methylcyclohexane	6.771	83	157854	49.964	ug/l	100
40) Benzene	5.784	78	436414	52.456	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	95604	38.381	ug/l	100
42) 1,2-Dichloroethane	5.803	62	151229	42.645	ug/l	100
43) Isopropyl Acetate	5.919	43	256815	38.233	ug/l	100
44) Trichloroethene	6.549	130	100047	48.290	ug/l	100
45) 1,2-Dichloropropane	6.800	63	114910	50.156	ug/l	100
46) Dibromomethane	6.925	93	75074	46.847	ug/l	100
47) Bromodichloromethane	7.115	83	149950	47.403	ug/l	100
48) Methyl methacrylate	6.967	41	126936	37.858	ug/l	100
49) 1,4-Dioxane	6.970	88	67881	980.124	ug/l	100
51) 4-Methyl-2-Pentanone	7.800	43	953740	192.250	ug/l	100
52) Toluene	7.977	92	268918	52.449	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	169096	48.161	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	182700	50.686	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	108751	49.666	ug/l	100
56) Ethyl methacrylate	8.340	69	180354	50.520	ug/l	100
57) 1,3-Dichloropropane	8.581	76	193086	50.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	275874	225.148	ug/l	100
59) 2-Hexanone	8.694	43	757395	187.202	ug/l	100
60) Dibromochloromethane	8.816	129	110423	44.820	ug/l	100
61) 1,2-Dibromoethane	8.931	107	114748	47.241	ug/l	100
64) Tetrachloroethene	8.559	164	88538	46.610	ug/l	100
65) Chlorobenzene	9.452	112	272392	48.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	96864	45.613	ug/l	100
67) Ethyl Benzene	9.578	91	517316	50.573	ug/l	100
68) m/p-Xylenes	9.700	106	394561	104.109	ug/l	100
69) o-Xylene	10.108	106	186956	50.665	ug/l	100
70) Styrene	10.121	104	330440	53.003	ug/l	100
71) Bromoform	10.298	173	84157	39.215	ug/l #	100
73) Isopropylbenzene	10.491	105	507248	51.874	ug/l	100
74) N-amyl acetate	10.327	43	222853	37.450	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	203303	48.366	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	240725	55.170	ug/l	100
77) Bromobenzene	10.790	156	117578	44.114	ug/l	100
78) n-propylbenzene	10.912	91	640521	54.307	ug/l	100
79) 2-Chlorotoluene	10.992	91	375868	52.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	457704	53.171	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	67572	47.663	ug/l	100
82) 4-Chlorotoluene	11.102	91	448565	52.308	ug/l	100
83) tert-Butylbenzene	11.427	119	420608	50.068	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	465770	52.587	ug/l	100
85) sec-Butylbenzene	11.652	105	550925	54.873	ug/l	100
86) p-Isopropyltoluene	11.800	119	487369	53.238	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	233319	47.864	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	238733	47.054	ug/l	100
89) n-Butylbenzene	12.214	91	468971	54.539	ug/l	100
90) Hexachloroethane	12.481	117	71249	42.945	ug/l	100
91) 1,2-Dichlorobenzene	12.218	146	230405	46.505	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	46518	40.439	ug/l	100
93) 1,2,4-Trichlorobenzene	13.848	180	147548	44.585	ug/l	100
94) Hexachlorobutadiene	14.028	225	79438	44.424	ug/l	100
95) Naphthalene	14.092	128	479735	47.628	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	143235	44.181	ug/l	100

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

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