

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042326.D
 Acq On : 17 Feb 2021 13:49
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:41:02 PM

Quant Time: Feb 18 03:22:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 18 03:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	157762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	241711	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	240296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	132971	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	353963	146.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	293.78%	
35) Dibromofluoromethane	5.298	113	256360	119.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	238.22%	
50) Toluene-d8	7.909	98	942311	119.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	238.14%	
62) 4-Bromofluorobenzene	10.645	95	399233	128.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	257.98%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	315384	182.28	ug/l	99
3) Chloromethane	1.520	50	291531	141.57	ug/l	99
4) Vinyl Chloride	1.607	62	287042	139.13	ug/l	99
5) Bromomethane	1.861	94	168727	147.09	ug/l	98
6) Chloroethane	1.935	64	134708	101.59	ug/l	96
7) Trichlorofluoromethane	2.131	101	394905	140.08	ug/l	100
8) Diethyl Ether	2.379	74	139320	118.43	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	228644	127.04	ug/l	98
10) Methyl Iodide	2.726	142	340518	208.60	ug/l	98
11) Tert butyl alcohol	3.353	59	329409m	647.13	ug/l	
12) 1,1-Dichloroethene	2.581	96	222985	131.43	ug/l	99
13) Acrolein	2.498	56	233760	583.02	ug/l	99
14) Allyl chloride	2.925	41	510233	153.41	ug/l	99
15) Acrylonitrile	3.334	53	994935	795.02	ug/l	99
16) Acetone	2.652	43	1017617	795.46	ug/l	99
17) Carbon Disulfide	2.793	76	689747	172.23	ug/l	98
18) Methyl Acetate	2.961	43	426717	142.42	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	856736	138.93	ug/l	100
20) Methylene Chloride	3.051	84	259367	118.85	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	245122	136.47	ug/l	97
22) Diisopropyl ether	4.002	45	948346	148.47	ug/l	98
23) Vinyl Acetate	3.967	43	4680459	876.56	ug/l	99
24) 1,1-Dichloroethane	3.877	63	491599	130.49	ug/l	100
25) 2-Butanone	4.726	43	1482306	871.59	ug/l	99
26) 2,2-Dichloropropane	4.674	77	443457	143.76	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	284343	131.23	ug/l	99
28) Bromochloromethane	4.986	49	237350	136.03	ug/l	99
29) Tetrahydrofuran	5.070	42	959896	925.59	ug/l	100
30) Chloroform	5.099	83	489519	127.41	ug/l	94
31) Cyclohexane	5.395	56	444539	154.60	ug/l	100
32) 1,1,1-Trichloroethane	5.327	97	445732	142.52	ug/l	99
36) 1,1-Dichloropropene	5.536	75	369085	141.54	ug/l	99
37) Ethyl Acetate	4.816	43	613186	192.43	ug/l	97
38) Carbon Tetrachloride	5.533	117	398159	142.55	ug/l	97
39) Methylcyclohexane	6.771	83	431157	153.69	ug/l	100
40) Benzene	5.784	78	1027728	124.84	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	299687	178.01	ug/l	99
42) 1,2-Dichloroethane	5.803	62	439525	148.59	ug/l	100
43) Isopropyl Acetate	5.925	43	865808	175.63	ug/l	99
44) Trichloroethene	6.549	130	277484	122.08	ug/l	99
45) 1,2-Dichloropropane	6.800	63	288006	120.67	ug/l	98
46) Dibromomethane	6.928	93	202235	132.64	ug/l	97
47) Bromodichloromethane	7.115	83	408397	130.69	ug/l	100
48) Methyl methacrylate	6.973	41	445094	187.98	ug/l	98
49) 1,4-Dioxane	7.044	88	157256	3084.68	ug/l #	99
51) 4-Methyl-2-Pentanone	7.816	43	2954057	868.65	ug/l	99
52) Toluene	7.980	92	659320	128.31	ug/l	100
53) t-1,3-Dichloropropene	8.221	75	488409	150.13	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	485260	137.08	ug/l	98
55) 1,1,2-Trichloroethane	8.414	97	280312	121.23	ug/l	98
56) Ethyl methacrylate	8.349	69	503247	158.37	ug/l	98
57) 1,3-Dichloropropane	8.587	76	484941	127.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.475	63	965491	923.75	ug/l	100
59) 2-Hexanone	8.710	43	2285722	888.46	ug/l	98
60) Dibromochloromethane	8.822	129	349871	139.44	ug/l	100
61) 1,2-Dibromoethane	8.935	107	322443	139.97	ug/l	100
64) Tetrachloroethene	8.562	164	254560	123.80	ug/l	97
65) Chlorobenzene	9.455	112	740449	124.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.546	131	295678	129.57	ug/l	99
67) Ethyl Benzene	9.581	91	1346894	137.50	ug/l	100
68) m/p-Xylenes	9.703	106	1000970	273.73	ug/l	99
69) o-Xylene	10.111	106	486413	136.06	ug/l	100
70) Styrene	10.124	104	862660	138.94	ug/l	98
71) Bromoform	10.304	173	304277	151.58	ug/l #	98
73) Isopropylbenzene	10.494	105	1350162	155.48	ug/l	100
74) N-amyl acetate	10.333	43	789579	210.12	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.796	83	502370	142.34	ug/l	99
76) 1,2,3-Trichloropropane	10.838	75	505354m	168.82	ug/l	
77) Bromobenzene	10.793	156	365996	151.11	ug/l	99
78) n-propylbenzene	10.915	91	1625047	161.80	ug/l	100
79) 2-Chlorotoluene	10.999	91	951112	154.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.099	105	1179827	162.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.562	75	196771	211.05	ug/l	96
82) 4-Chlorotoluene	11.108	91	1136488	160.84	ug/l	100
83) tert-Butylbenzene	11.433	119	1161784	159.32	ug/l	99
84) 1,2,4-Trimethylbenzene	11.478	105	1199247	164.05	ug/l	100
85) sec-Butylbenzene	11.655	105	1363143	159.26	ug/l	100
86) p-Isopropyltoluene	11.803	119	1281110	162.15	ug/l	99
87) 1,3-Dichlorobenzene	11.758	146	640173	145.51	ug/l	100
88) 1,4-Dichlorobenzene	11.848	146	638243	139.24	ug/l	99
89) n-Butylbenzene	12.217	91	1177372	171.55	ug/l	99
90) Hexachloroethane	12.488	117	243807	186.36	ug/l	98
91) 1,2-Dichlorobenzene	12.224	146	618455	142.36	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.008	75	143422	207.28	ug/l	100
93) 1,2,4-Trichlorobenzene	13.851	180	455256	178.36	ug/l	98
94) Hexachlorobutadiene	14.031	225	228554	149.81	ug/l	99
95) Naphthalene	14.095	128	1398453	199.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	444994	167.86	ug/l	99

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

