

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044058.D
 Acq On : 07 Jun 2021 15:36
 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
 6/8/2021 6:50:17 PM

Quant Time: Jun 08 04:57:56 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	231178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	410217	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	426580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	237451	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	562247	119.142	ug/l	0.00
Spiked Amount 50.000			Recovery	=	238.280%	
35) Dibromofluoromethane	5.298	113	416699	124.017	ug/l	0.00
Spiked Amount 50.000			Recovery	=	248.040%	
50) Toluene-d8	7.906	98	1663313	145.128	ug/l	0.00
Spiked Amount 50.000			Recovery	=	290.260%	
62) 4-Bromofluorobenzene	10.642	95	744842	165.745	ug/l	0.00
Spiked Amount 50.000			Recovery	=	331.500%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	501283	165.914	ug/l	99
3) Chloromethane	1.523	50	622752	140.089	ug/l	99
4) Vinyl Chloride	1.610	62	604321	159.731	ug/l	99
5) Bromomethane	1.835	94	197589	96.500	ug/l	99
6) Chloroethane	1.916	64	361062	149.695	ug/l	99
7) Trichlorofluoromethane	2.131	101	696898	140.926	ug/l	98
8) Diethyl Ether	2.382	74	295172	160.216	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	414374	149.362	ug/l	100
10) Methyl Iodide	2.726	142	527800	154.486	ug/l	99
11) Tert butyl alcohol	3.224	59	785648	638.914	ug/l	100
12) 1,1-Dichloroethene	2.581	96	420134	155.979	ug/l	99
13) Acrolein	2.491	56	529379	825.116	ug/l	99
14) Allyl chloride	2.925	41	848409	129.620	ug/l	99
15) Acrylonitrile	3.321	53	1613838	708.419	ug/l	100
16) Acetone	2.633	43	1687357	664.577	ug/l	100
17) Carbon Disulfide	2.793	76	1362877	157.313	ug/l	100
18) Methyl Acetate	2.951	43	742869	127.485	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	1363386	149.787	ug/l	99
20) Methylene Chloride	3.051	84	512301	138.437	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	463091	157.771	ug/l	97
22) Diisopropyl ether	4.002	45	1451676	129.566	ug/l	99
23) Vinyl Acetate	3.964	43	7348690	644.465	ug/l	100
24) 1,1-Dichloroethane	3.877	63	908663	137.574	ug/l	100
25) 2-Butanone	4.713	43	2546784	652.513	ug/l	100
26) 2,2-Dichloropropane	4.674	77	707377	157.293	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	522808	155.331	ug/l	100
28) Bromochloromethane	4.983	49	430336	128.265	ug/l	97
29) Tetrahydrofuran	5.057	42	1361951	615.365	ug/l	98
30) Chloroform	5.099	83	863422	135.700	ug/l	99
31) Cyclohexane	5.395	56	777401	138.675	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	720893	134.014	ug/l	98
36) 1,1-Dichloropropene	5.533	75	684100	148.121	ug/l	99
37) Ethyl Acetate	4.813	43	862938	114.014	ug/l	99
38) Carbon Tetrachloride	5.533	117	618097	134.127	ug/l	99
39) Methylcyclohexane	6.771	83	771327	169.732	ug/l	98
40) Benzene	5.784	78	2018205	145.151	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	473683	122.322	ug/l	99
42) 1,2-Dichloroethane	5.803	62	701177	118.541	ug/l	99
43) Isopropyl Acetate	5.919	43	1320223	119.958	ug/l	99
44) Trichloroethene	6.549	130	454606	141.380	ug/l	99
45) 1,2-Dichloropropane	6.800	63	550504	135.700	ug/l	97
46) Dibromomethane	6.925	93	349945	137.996	ug/l	99
47) Bromodichloromethane	7.115	83	721226	140.017	ug/l	100
48) Methyl methacrylate	6.970	41	673679	121.720	ug/l	98
49) 1,4-Dioxane	6.976	88	311484	3341.164	ug/l	98
51) 4-Methyl-2-Pentanone	7.806	43	5071659	641.942	ug/l	99
52) Toluene	7.976	92	1237192	153.656	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	871158	162.247	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	898795	157.221	ug/l	99
55) 1,1,2-Trichloroethane	8.411	97	525669	150.625	ug/l	99
56) Ethyl methacrylate	8.343	69	987461	179.873	ug/l	98
57) 1,3-Dichloropropane	8.584	76	951845	152.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	1451956	878.191	ug/l	100
59) 2-Hexanone	8.697	43	4090321	650.771	ug/l	98
60) Dibromochloromethane	8.822	129	567371	154.514	ug/l	99
61) 1,2-Dibromoethane	8.931	107	560842	149.949	ug/l	100
64) Tetrachloroethene	8.562	164	385849	120.761	ug/l	99
65) Chlorobenzene	9.455	112	1340412	144.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	491497	139.239	ug/l	99
67) Ethyl Benzene	9.578	91	2564795	153.045	ug/l	99
68) m/p-Xylenes	9.703	106	1901069	308.720	ug/l	100
69) o-Xylene	10.108	106	938074	157.747	ug/l	99
70) Styrene	10.121	104	1694149	168.535	ug/l	100
71) Bromoform	10.301	173	462887	144.594	ug/l #	100
73) Isopropylbenzene	10.491	105	2568384	152.933	ug/l	100
74) N-amyl acetate	10.330	43	1270659	120.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	1061767	134.527	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	954979m	126.616	ug/l	
77) Bromobenzene	10.790	156	601487	140.574	ug/l	99
78) n-propylbenzene	10.915	91	3320410	160.850	ug/l	100
79) 2-Chlorotoluene	10.996	91	1936872	151.885	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	2319749	162.373	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	389761	166.527	ug/l	95
82) 4-Chlorotoluene	11.105	91	2305014	157.700	ug/l	100
83) tert-Butylbenzene	11.430	119	2203376	157.775	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	2361562	164.488	ug/l	100
85) sec-Butylbenzene	11.652	105	2880311	167.406	ug/l	100
86) p-Isopropyltoluene	11.803	119	2492599	171.026	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	1175517	144.054	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	1189046	140.871	ug/l	98
89) n-Butylbenzene	12.217	91	2539868	178.691	ug/l	99
90) Hexachloroethane	12.484	117	401701	167.443	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	1135850	135.643	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	249939	131.051	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	768914	142.942	ug/l	99
94) Hexachlorobutadiene	14.031	225	389845	150.180	ug/l	99
95) Naphthalene	14.092	128	2591028	152.204	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	738177	138.088	ug/l	99

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

