

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043018.D
 Acq On : 12 Apr 2021 12:05
 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
 4/13/2021 5:47:12 PM

Quant Time: Apr 12 12:22:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:08:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	131704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204753	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	121188	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	323518	162.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	324.82%	
35) Dibromofluoromethane	5.298	113	231596	160.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	321.14%	
50) Toluene-d8	7.906	98	827900	159.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	319.20%	
62) 4-Bromofluorobenzene	10.642	95	360524	175.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	350.54%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	207876	135.75	ug/l	100
3) Chloromethane	1.520	50	209000	130.92	ug/l	99
4) Vinyl Chloride	1.607	62	220246	144.43	ug/l	99
5) Bromomethane	1.838	94	103722	110.52	ug/l	98
6) Chloroethane	1.912	64	152587	167.46	ug/l	97
7) Trichlorofluoromethane	2.128	101	368630	154.86	ug/l	100
8) Diethyl Ether	2.379	74	121098	158.84	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	196942	158.21	ug/l	96
10) Methyl Iodide	2.723	142	265855	151.18	ug/l	99
11) Tert butyl alcohol	3.260	59	465479m	1025.30	ug/l	
12) 1,1-Dichloroethene	2.578	96	190998	157.83	ug/l	98
13) Acrolein	2.488	56	273979	971.07	ug/l	98
14) Allyl chloride	2.925	41	473018	175.34	ug/l	98
15) Acrylonitrile	3.321	53	954421	905.53	ug/l	99
16) Acetone	2.633	43	969756	771.36	ug/l	100
17) Carbon Disulfide	2.793	76	574047	157.70	ug/l	99
18) Methyl Acetate	2.951	43	430360	185.97	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	767752	166.10	ug/l	99
20) Methylene Chloride	3.047	84	230808	160.38	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	221050	169.00	ug/l	99
22) Diisopropyl ether	3.999	45	886181	171.19	ug/l	91
23) Vinyl Acetate	3.964	43	4468854	906.09	ug/l	100
24) 1,1-Dichloroethane	3.874	63	440419	165.17	ug/l	99
25) 2-Butanone	4.710	43	1550377	911.89	ug/l	100
26) 2,2-Dichloropropane	4.671	77	394648	163.44	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	253659	167.19	ug/l	98
28) Bromochloromethane	4.983	49	219708	161.76	ug/l	96
29) Tetrahydrofuran	5.057	42	973859	919.28	ug/l	98
30) Chloroform	5.096	83	449216	164.32	ug/l	96
31) Cyclohexane	5.395	56	401929	152.83	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	408989	164.96	ug/l	100
36) 1,1-Dichloropropene	5.533	75	331961	161.62	ug/l	99
37) Ethyl Acetate	4.809	43	556388	172.27	ug/l	99
38) Carbon Tetrachloride	5.533	117	359049	163.79	ug/l	98
39) Methylcyclohexane	6.771	83	377740	160.10	ug/l	98
40) Benzene	5.780	78	935752	161.98	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	299537	179.60	ug/l	99
42) 1,2-Dichloroethane	5.800	62	405991	160.39	ug/l	100
43) Isopropyl Acetate	5.919	43	829284	174.59	ug/l	99
44) Trichloroethene	6.549	130	241875	158.41	ug/l	99
45) 1,2-Dichloropropane	6.800	63	263223	163.63	ug/l	98
46) Dibromomethane	6.925	93	183340	164.06	ug/l	97
47) Bromodichloromethane	7.115	83	372903	169.69	ug/l	99
48) Methyl methacrylate	6.970	41	430326	182.76	ug/l	98
49) 1,4-Dioxane	6.983	88	166010	3625.76	ug/l #	98
51) 4-Methyl-2-Pentanone	7.809	43	3204722	979.93	ug/l	99
52) Toluene	7.976	92	594467	166.20	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	431513	177.94	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	436881	170.72	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	254587	171.20	ug/l	98
56) Ethyl methacrylate	8.343	69	468935	184.10	ug/l	99
57) 1,3-Dichloropropane	8.584	76	440009	169.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	826261	953.01	ug/l	100
59) 2-Hexanone	8.700	43	2648427	1004.97	ug/l	100
60) Dibromochloromethane	8.819	129	310393	178.57	ug/l	100
61) 1,2-Dibromoethane	8.931	107	290842	171.17	ug/l	98
64) Tetrachloroethene	8.558	164	209220	137.02	ug/l	98
65) Chlorobenzene	9.456	112	649854	157.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	264510	168.64	ug/l	99
67) Ethyl Benzene	9.578	91	1216256	163.66	ug/l	99
68) m/p-Xylenes	9.700	106	896427	324.95	ug/l	100
69) o-Xylene	10.108	106	438126	162.51	ug/l	100
70) Styrene	10.121	104	787989	174.56	ug/l	98
71) Bromoform	10.301	173	294668	194.18	ug/l #	98
73) Isopropylbenzene	10.491	105	1223949	151.40	ug/l	99
74) N-amyl acetate	10.330	43	809092	173.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	527111	168.54	ug/l	98
76) 1,2,3-Trichloropropane	10.835	75	559528m	181.38	ug/l	
77) Bromobenzene	10.790	156	340491	157.44	ug/l	98
78) n-propylbenzene	10.912	91	1516190	161.29	ug/l	99
79) 2-Chlorotoluene	10.992	91	893412	155.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	1109768	158.34	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	201142	179.58	ug/l	98
82) 4-Chlorotoluene	11.105	91	1087816	162.11	ug/l	99
83) tert-Butylbenzene	11.430	119	1106742	163.78	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	1135753	161.87	ug/l	99
85) sec-Butylbenzene	11.652	105	1289844	162.12	ug/l	99
86) p-Isopropyltoluene	11.799	119	1202186	163.47	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	614650	163.01	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	617941	159.35	ug/l	99
89) n-Butylbenzene	12.217	91	1151087	176.25	ug/l	99
90) Hexachloroethane	12.484	117	230476	176.98	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	599214	156.17	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	150451	174.57	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	424934	179.81	ug/l	98
94) Hexachlorobutadiene	14.031	225	204946	153.98	ug/l	100
95) Naphthalene	14.095	128	1369486	201.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	411452	177.42	ug/l	100

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

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