

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043017.D
 Acq On : 12 Apr 2021 11:43
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:05 PM

Quant Time: Apr 12 12:10:58 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	119512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	187593	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	187615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	113725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	199140	110.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	220.34%	
35) Dibromofluoromethane	5.295	113	138929	105.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	210.26%	
50) Toluene-d8	7.906	98	515163	108.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	216.80%	
62) 4-Bromofluorobenzene	10.639	95	219189	116.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	232.60%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	125778	90.52	ug/l	98
3) Chloromethane	1.520	50	136562	94.27	ug/l	99
4) Vinyl Chloride	1.607	62	136144	98.39	ug/l	99
5) Bromomethane	1.838	94	67766	79.57	ug/l	97
6) Chloroethane	1.916	64	94224	113.96	ug/l	97
7) Trichlorofluoromethane	2.131	101	225921	104.59	ug/l	99
8) Diethyl Ether	2.379	74	74732	108.02	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	117520	104.04	ug/l	98
10) Methyl Iodide	2.723	142	171709	107.60	ug/l	99
11) Tert butyl alcohol	3.244	59	279754m	679.07	ug/l	
12) 1,1-Dichloroethene	2.581	96	114152	103.95	ug/l	99
13) Acrolein	2.488	56	166445	650.12	ug/l	99
14) Allyl chloride	2.925	41	275540	112.56	ug/l	99
15) Acrylonitrile	3.317	53	576870	603.16	ug/l	99
16) Acetone	2.629	43	603359	528.88	ug/l	99
17) Carbon Disulfide	2.793	76	341295	103.33	ug/l	100
18) Methyl Acetate	2.951	43	255976	121.90	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	467298	111.41	ug/l	98
20) Methylene Chloride	3.051	84	138038	105.70	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	132834	111.92	ug/l	98
22) Diisopropyl ether	3.999	45	560305	119.28	ug/l	91
23) Vinyl Acetate	3.961	43	2787451	622.83	ug/l	100
24) 1,1-Dichloroethane	3.874	63	267385	110.51	ug/l	100
25) 2-Butanone	4.710	43	987698	640.20	ug/l	100
26) 2,2-Dichloropropane	4.671	77	243267	111.03	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	155135	112.69	ug/l	98
28) Bromochloromethane	4.980	49	138958	112.74	ug/l	95
29) Tetrahydrofuran	5.054	42	633272	658.76	ug/l	97
30) Chloroform	5.096	83	290859	117.25	ug/l	95
31) Cyclohexane	5.395	56	254283	106.56	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	255349	113.50	ug/l	99
36) 1,1-Dichloropropene	5.533	75	208677	110.89	ug/l	99
37) Ethyl Acetate	4.809	43	353809	119.57	ug/l	99
38) Carbon Tetrachloride	5.533	117	223472	111.27	ug/l	98
39) Methylcyclohexane	6.767	83	235528	108.96	ug/l	97
40) Benzene	5.780	78	590459	111.56	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	191802	125.52	ug/l	99
42) 1,2-Dichloroethane	5.800	62	260863	112.49	ug/l	100
43) Isopropyl Acetate	5.919	43	517824	118.99	ug/l	98
44) Trichloroethene	6.549	130	146268	104.56	ug/l	94
45) 1,2-Dichloropropane	6.800	63	165016	111.97	ug/l	99
46) Dibromomethane	6.925	93	114616	111.94	ug/l	96
47) Bromodichloromethane	7.112	83	235868	117.15	ug/l	100
48) Methyl methacrylate	6.967	41	268154	124.30	ug/l	98
49) 1,4-Dioxane	6.980	88	108996	2598.30	ug/l #	98
51) 4-Methyl-2-Pentanone	7.803	43	2016720	673.07	ug/l	99
52) Toluene	7.976	92	378653	115.55	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	271222	122.07	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	273897	116.82	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	160373	117.71	ug/l	98
56) Ethyl methacrylate	8.340	69	287788	123.32	ug/l	98
57) 1,3-Dichloropropane	8.581	76	275703	116.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	579140	729.08	ug/l	99
59) 2-Hexanone	8.697	43	1704492	705.95	ug/l	100
60) Dibromochloromethane	8.819	129	194291	122.00	ug/l	100
61) 1,2-Dibromoethane	8.931	107	184094	118.25	ug/l	99
64) Tetrachloroethene	8.558	164	135701	96.63	ug/l	98
65) Chlorobenzene	9.452	112	413238	109.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	164957	114.34	ug/l	100
67) Ethyl Benzene	9.578	91	766117	112.08	ug/l	100
68) m/p-Xylenes	9.700	106	566876	223.42	ug/l	100
69) o-Xylene	10.108	106	275720	111.20	ug/l	98
70) Styrene	10.121	104	490203	118.07	ug/l	99
71) Bromoform	10.301	173	180501	129.33	ug/l #	98
73) Isopropylbenzene	10.491	105	770721	101.59	ug/l	100
74) N-amyl acetate	10.330	43	513879	117.52	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	345634	117.77	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	343506m	118.66	ug/l	
77) Bromobenzene	10.790	156	212882	104.89	ug/l	98
78) n-propylbenzene	10.912	91	946870	107.33	ug/l	99
79) 2-Chlorotoluene	10.992	91	561061	104.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	702555	106.82	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	125954	119.83	ug/l	98
82) 4-Chlorotoluene	11.105	91	690047	109.58	ug/l	99
83) tert-Butylbenzene	11.430	119	692223	109.16	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	721648	109.60	ug/l	99
85) sec-Butylbenzene	11.652	105	808921	108.34	ug/l	99
86) p-Isopropyltoluene	11.799	119	760618	110.21	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	392565	110.95	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	400042	109.93	ug/l	98
89) n-Butylbenzene	12.217	91	730738	119.23	ug/l	99
90) Hexachloroethane	12.484	117	144103	117.92	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	391952	108.86	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	96569	119.40	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	269076	121.33	ug/l	100
94) Hexachlorobutadiene	14.031	225	132534	106.11	ug/l	99
95) Naphthalene	14.095	128	861386	135.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	260689	119.79	ug/l	99

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

