

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044090.D
 Acq On : 08 Jun 2021 05:15
 Operator : SY/MD
 Sample : VU0608WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 9:33:37 AM

Quant Time: Jun 08 23:08:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	214955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	398581	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	398146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	215052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	184675	49.331	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.660%	
35) Dibromofluoromethane	5.298	113	137999	48.517	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.040%	
50) Toluene-d8	7.906	98	541908	49.393	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.780%	
62) 4-Bromofluorobenzene	10.639	95	225152	51.834	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.660%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	63121	19.708	ug/l	99
3) Chloromethane	1.523	50	79769	19.005	ug/l	99
4) Vinyl Chloride	1.610	62	74682	18.764	ug/l	100
5) Bromomethane	1.835	94	25019	15.163	ug/l	99
6) Chloroethane	1.919	64	45387	18.648	ug/l	99
7) Trichlorofluoromethane	2.134	101	89124	19.483	ug/l	97
8) Diethyl Ether	2.382	74	38023	19.315	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.584	101	51027	18.448	ug/l	99
10) Methyl Iodide	2.726	142	64576	20.027	ug/l	99
11) Tert butyl alcohol	3.215	59	100371	108.146	ug/l	97
12) 1,1-Dichloroethene	2.584	96	52730	19.931	ug/l	98
13) Acrolein	2.491	56	53722	73.624	ug/l	98
14) Allyl chloride	2.928	41	97544	18.045	ug/l	99
15) Acrylonitrile	3.321	53	196646	95.423	ug/l	100
16) Acetone	2.633	43	171611	79.426	ug/l	100
17) Carbon Disulfide	2.797	76	164841	18.707	ug/l	100
18) Methyl Acetate	2.954	43	97416	20.446	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	171067	21.125	ug/l	97
20) Methylene Chloride	3.051	84	68219	20.035	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	59309	19.986	ug/l	98
22) Diisopropyl ether	4.002	45	184495	20.069	ug/l	97
23) Vinyl Acetate	3.964	43	842535	97.175	ug/l	99
24) 1,1-Dichloroethane	3.877	63	116275	19.327	ug/l	98
25) 2-Butanone	4.713	43	287681	93.320	ug/l	99
26) 2,2-Dichloropropane	4.674	77	65446	15.169	ug/l	100
27) cis-1,2-Dichloroethene	4.677	96	65541	19.972	ug/l	96
28) Bromochloromethane	4.983	49	59964	19.569	ug/l	95
29) Tetrahydrofuran	5.060	42	166716	97.424	ug/l	96
30) Chloroform	5.099	83	112314	19.409	ug/l	100
31) Cyclohexane	5.394	56	97117	18.794	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	92787	19.952	ug/l	99
36) 1,1-Dichloropropene	5.533	75	85106	18.953	ug/l	99
37) Ethyl Acetate	4.813	43	106902	18.898	ug/l	99
38) Carbon Tetrachloride	5.533	117	76343	18.816	ug/l	95
39) Methylcyclohexane	6.771	83	82496	17.783	ug/l	97
40) Benzene	5.780	78	257014	18.989	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	56387	18.960	ug/l	98
42) 1,2-Dichloroethane	5.803	62	91715	18.984	ug/l	98
43) Isopropyl Acetate	5.919	43	151354	18.921	ug/l	98
44) Trichloroethene	6.549	130	57752	19.311	ug/l	99
45) 1,2-Dichloropropane	6.800	63	69219	18.739	ug/l	98
46) Dibromomethane	6.925	93	44396	18.899	ug/l	97
47) Bromodichloromethane	7.111	83	88190	18.885	ug/l	99
48) Methyl methacrylate	6.967	41	74066	18.778	ug/l	96
49) 1,4-Dioxane	6.976	88	37299	384.622	ug/l	100
51) 4-Methyl-2-Pentanone	7.800	43	596554	100.422	ug/l	99
52) Toluene	7.976	92	157562	19.948	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	92578	18.618	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	102436	18.654	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	68348	20.403	ug/l	99
56) Ethyl methacrylate	8.340	69	104581	19.760	ug/l	98
57) 1,3-Dichloropropane	8.584	76	118035	19.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	152522	100.594	ug/l	98
59) 2-Hexanone	8.693	43	465831	100.909	ug/l	99
60) Dibromochloromethane	8.819	129	66802	20.014	ug/l	98
61) 1,2-Dibromoethane	8.931	107	69682	20.319	ug/l	100
64) Tetrachloroethene	8.558	164	52223	20.430	ug/l	99
65) Chlorobenzene	9.452	112	164731	19.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	59391	20.048	ug/l	99
67) Ethyl Benzene	9.578	91	296904	19.480	ug/l	99
68) m/p-Xylenes	9.700	106	230220	40.758	ug/l	98
69) o-Xylene	10.108	106	111038	20.522	ug/l	100
70) Styrene	10.121	104	192848	20.829	ug/l	99
71) Bromoform	10.298	173	51338	19.861	ug/l #	99
73) Isopropylbenzene	10.491	105	300185	20.743	ug/l	99
74) N-amyl acetate	10.330	43	127397	19.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	128821	19.585	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	118490m	19.696	ug/l	
77) Bromobenzene	10.790	156	72075	20.667	ug/l	99
78) n-propylbenzene	10.912	91	374738	20.070	ug/l	100
79) 2-Chlorotoluene	10.992	91	225924	20.181	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	267577	20.778	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	35137	17.055	ug/l	99
82) 4-Chlorotoluene	11.105	91	269801	20.592	ug/l	98
83) tert-Butylbenzene	11.426	119	245368	20.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	268371	19.902	ug/l	100
85) sec-Butylbenzene	11.651	105	321951	20.634	ug/l	100
86) p-Isopropyltoluene	11.799	119	272543	20.557	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	140346	20.193	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	140945	19.204	ug/l	99
89) n-Butylbenzene	12.217	91	247952	18.500	ug/l	100
90) Hexachloroethane	12.481	117	43021	18.925	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	136964	19.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	25701	17.827	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	79363	19.640	ug/l	100
94) Hexachlorobutadiene	14.028	225	43490	18.878	ug/l	100
95) Naphthalene	14.095	128	260543	19.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	79600	20.449	ug/l	99

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

