

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042342.D
 Acq On : 18 Feb 2021 11:17
 Operator : SY/MD
 Sample : VU0218WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0218WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:45:09 PM

Quant Time: Feb 19 03:07:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	134884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	206955	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	194711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	107579	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
35) Dibromofluoromethane	5.298	113	74881	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	7.906	98	266789	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	10.639	95	102316	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	33568	20.64	ug/l	99
3) Chloromethane	1.523	50	32856	19.77	ug/l	99
4) Vinyl Chloride	1.607	62	32728	20.58	ug/l	97
5) Bromomethane	1.861	94	20457	20.88	ug/l	100
6) Chloroethane	1.935	64	19748	21.56	ug/l	100
7) Trichlorofluoromethane	2.141	101	50630	20.75	ug/l	100
8) Diethyl Ether	2.382	74	15968	20.58	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	24785	19.46	ug/l	97
10) Methyl Iodide	2.729	142	34304	18.85	ug/l	98
11) Tert butyl alcohol	3.228	59	50756	116.14	ug/l #	79
12) 1,1-Dichloroethene	2.588	96	24550	19.74	ug/l	96
13) Acrolein	2.494	56	22599	93.48	ug/l	98
14) Allyl chloride	2.929	41	55533	20.16	ug/l	98
15) Acrylonitrile	3.324	53	105784	100.23	ug/l	100
16) Acetone	2.642	43	131806	103.88	ug/l	98
17) Carbon Disulfide	2.800	76	72946	19.50	ug/l	99
18) Methyl Acetate	2.957	43	47713	20.71	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	97785	20.77	ug/l	97
20) Methylene Chloride	3.054	84	29390	20.09	ug/l	99
21) trans-1,2-Dichloroethene	3.363	96	27874	20.91	ug/l	98
22) Diisopropyl ether	3.999	45	106833	20.42	ug/l #	84
23) Vinyl Acetate	3.967	43	511532	102.94	ug/l	100
24) 1,1-Dichloroethane	3.880	63	55611	20.49	ug/l	99
25) 2-Butanone	4.716	43	173969	103.12	ug/l	100
26) 2,2-Dichloropropane	4.674	77	50784	20.62	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	31841	20.62	ug/l	98
28) Bromochloromethane	4.983	49	28582	20.38	ug/l	99
29) Tetrahydrofuran	5.064	42	105449	100.55	ug/l	99
30) Chloroform	5.099	83	56292	20.40	ug/l	97
31) Cyclohexane	5.398	56	53832	20.10	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	51238	20.39	ug/l	98
36) 1,1-Dichloropropene	5.536	75	40541	19.81	ug/l	100
37) Ethyl Acetate	4.813	43	62346	19.60	ug/l	98
38) Carbon Tetrachloride	5.536	117	44276	20.24	ug/l	99
39) Methylcyclohexane	6.771	83	47000	19.86	ug/l	99
40) Benzene	5.784	78	117008	20.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	32689	19.94	ug/l	98
42) 1,2-Dichloroethane	5.803	62	51657	20.60	ug/l	99
43) Isopropyl Acetate	5.919	43	93820	20.07	ug/l	98
44) Trichloroethene	6.549	130	30605	19.98	ug/l	98
45) 1,2-Dichloropropane	6.800	63	32890	20.61	ug/l	94
46) Dibromomethane	6.925	93	23156	20.80	ug/l	99
47) Bromodichloromethane	7.115	83	44407	20.34	ug/l	99
48) Methyl methacrylate	6.967	41	46549	20.13	ug/l	100
49) 1,4-Dioxane	7.006	88	18781	422.88	ug/l #	100
51) 4-Methyl-2-Pentanone	7.800	43	316400	99.99	ug/l	100
52) Toluene	7.977	92	74101	20.88	ug/l	97
53) t-1,3-Dichloropropene	8.218	75	48040	20.03	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	50825	19.93	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	30260	20.54	ug/l	99
56) Ethyl methacrylate	8.340	69	49423	19.57	ug/l	98
57) 1,3-Dichloropropane	8.581	76	53136	20.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	78933	92.19	ug/l	99
59) 2-Hexanone	8.694	43	257460	101.84	ug/l	100
60) Dibromochloromethane	8.819	129	34143	19.87	ug/l	97
61) 1,2-Dibromoethane	8.932	107	33757	20.15	ug/l	99
64) Tetrachloroethene	8.559	164	28906	19.70	ug/l	97
65) Chlorobenzene	9.452	112	77557	19.90	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	30433	20.47	ug/l	97
67) Ethyl Benzene	9.578	91	143054	20.38	ug/l	99
68) m/p-Xylenes	9.700	106	104104	40.09	ug/l	99
69) o-Xylene	10.108	106	51172	20.15	ug/l	98
70) Styrene	10.121	104	84633	20.00	ug/l	99
71) Bromoform	10.298	173	27954	19.51	ug/l #	98
73) Isopropylbenzene	10.491	105	141478	20.42	ug/l	100
74) N-amyl acetate	10.327	43	80098	20.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	52970	20.11	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	52128m	20.30	ug/l	
77) Bromobenzene	10.790	156	37020	19.97	ug/l	96
78) n-propylbenzene	10.912	91	163810	20.43	ug/l	98
79) 2-Chlorotoluene	10.993	91	96937	19.77	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	119859	20.14	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	17741	18.79	ug/l	96
82) 4-Chlorotoluene	11.102	91	114117	20.00	ug/l	99
83) tert-Butylbenzene	11.427	119	116824	20.29	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	119219	20.02	ug/l	99
85) sec-Butylbenzene	11.652	105	136705	20.15	ug/l	99
86) p-Isopropyltoluene	11.800	119	125590	20.05	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	63391	19.80	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	63737	19.45	ug/l	99
89) n-Butylbenzene	12.214	91	109987	19.99	ug/l	98
90) Hexachloroethane	12.484	117	22026	19.83	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	64758	19.86	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15024	20.81	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	42246	19.60	ug/l	99
94) Hexachlorobutadiene	14.028	225	22949	20.18	ug/l	98
95) Naphthalene	14.095	128	117759	18.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	40341	19.17	ug/l	99

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

