

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042374.D
 Acq On : 19 Feb 2021 20:08
 Operator : SY/MD
 Sample : VU0220WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0220WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 12:34:27 PM

Quant Time: Feb 20 00:30:44 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	137517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	216779	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	201842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	105805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	110531	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
35) Dibromofluoromethane	5.298	113	75917	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
50) Toluene-d8	7.906	98	270941	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	10.639	95	101852	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	34030	20.52	ug/l	97
3) Chloromethane	1.523	50	34241	20.21	ug/l	96
4) Vinyl Chloride	1.607	62	33070	20.39	ug/l	99
5) Bromomethane	1.861	94	21791	21.81	ug/l	97
6) Chloroethane	1.938	64	21598	23.13	ug/l	91
7) Trichlorofluoromethane	2.144	101	52999	21.31	ug/l	100
8) Diethyl Ether	2.382	74	15900	20.10	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.588	101	26048	20.06	ug/l	98
10) Methyl Iodide	2.729	142	36357	19.60	ug/l	99
11) Tert butyl alcohol	3.231	59	45634	102.42	ug/l #	97
12) 1,1-Dichloroethene	2.588	96	25914	20.44	ug/l	90
13) Acrolein	2.494	56	20354	83.49	ug/l	99
14) Allyl chloride	2.932	41	56342	20.06	ug/l	98
15) Acrylonitrile	3.324	53	106287	98.78	ug/l	97
16) Acetone	2.642	43	106058	81.99	ug/l	98
17) Carbon Disulfide	2.800	76	73060	19.16	ug/l	99
18) Methyl Acetate	2.957	43	47616	20.27	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	97884	20.39	ug/l	99
20) Methylene Chloride	3.054	84	30534	20.47	ug/l	99
21) trans-1,2-Dichloroethene	3.363	96	27896	20.53	ug/l	98
22) Diisopropyl ether	4.002	45	112381	21.07	ug/l	99
23) Vinyl Acetate	3.967	43	517181	102.08	ug/l	100
24) 1,1-Dichloroethane	3.880	63	55395	20.02	ug/l	100
25) 2-Butanone	4.716	43	161348	93.81	ug/l	99
26) 2,2-Dichloropropane	4.678	77	49468	19.70	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	33066	21.01	ug/l	100
28) Bromochloromethane	4.983	49	30077	21.04	ug/l	100
29) Tetrahydrofuran	5.063	42	105057	98.26	ug/l	98
30) Chloroform	5.099	83	58598	20.83	ug/l	94
31) Cyclohexane	5.398	56	54881	20.10	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	52316	20.43	ug/l	98
36) 1,1-Dichloropropene	5.536	75	41612	19.41	ug/l	99
37) Ethyl Acetate	4.813	43	65128	19.54	ug/l	98
38) Carbon Tetrachloride	5.533	117	45732	19.96	ug/l	98
39) Methylcyclohexane	6.771	83	47638	19.21	ug/l	97
40) Benzene	5.784	78	121019	20.09	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	33224	19.35	ug/l	97
42) 1,2-Dichloroethane	5.803	62	54178	20.63	ug/l	98
43) Isopropyl Acetate	5.922	43	93684	19.13	ug/l	99
44) Trichloroethene	6.552	130	31007	19.32	ug/l	92
45) 1,2-Dichloropropane	6.800	63	33677	20.14	ug/l	98
46) Dibromomethane	6.928	93	23820	20.43	ug/l	98
47) Bromodichloromethane	7.115	83	45696	19.98	ug/l	96
48) Methyl methacrylate	6.967	41	47310	19.53	ug/l	99
49) 1,4-Dioxane	7.009	88	18537	398.47	ug/l #	100
51) 4-Methyl-2-Pentanone	7.800	43	316426	95.47	ug/l	99
52) Toluene	7.977	92	75360	20.27	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	48242	19.20	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	51573	19.31	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	31209	20.22	ug/l	99
56) Ethyl methacrylate	8.340	69	50426	19.06	ug/l	99
57) 1,3-Dichloropropane	8.581	76	54478	20.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	87966	96.81	ug/l	99
59) 2-Hexanone	8.694	43	250554	94.61	ug/l	100
60) Dibromochloromethane	8.819	129	36345	20.19	ug/l	98
61) 1,2-Dibromoethane	8.931	107	35697	20.34	ug/l	97
64) Tetrachloroethene	8.562	164	29021	19.08	ug/l	98
65) Chlorobenzene	9.452	112	80097	19.83	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	32372	21.00	ug/l	98
67) Ethyl Benzene	9.578	91	146975	20.20	ug/l	98
68) m/p-Xylenes	9.700	106	108340	40.25	ug/l	99
69) o-Xylene	10.105	106	53949	20.49	ug/l	99
70) Styrene	10.121	104	88268	20.12	ug/l	99
71) Bromoform	10.298	173	28401	19.12	ug/l #	98
73) Isopropylbenzene	10.491	105	144034	20.41	ug/l	99
74) N-amyl acetate	10.327	43	80562	19.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	54882	20.45	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	52477m	20.06	ug/l	
77) Bromobenzene	10.790	156	38570	20.42	ug/l	97
78) n-propylbenzene	10.912	91	166874	20.43	ug/l	98
79) 2-Chlorotoluene	10.993	91	101902	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	122363	20.18	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	16836	17.50	ug/l	96
82) 4-Chlorotoluene	11.105	91	115905	19.93	ug/l	100
83) tert-Butylbenzene	11.427	119	121453	20.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	123245	20.31	ug/l	100
85) sec-Butylbenzene	11.652	105	141267	20.44	ug/l	100
86) p-Isopropyltoluene	11.800	119	127245	19.94	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	65541	20.09	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	66316	19.87	ug/l	99
89) n-Butylbenzene	12.214	91	107342	19.15	ug/l	99
90) Hexachloroethane	12.484	117	21916	19.37	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	67698	20.38	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	14638	19.90	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	40753	18.65	ug/l	96
94) Hexachlorobutadiene	14.031	225	23170	19.99	ug/l	97
95) Naphthalene	14.095	128	119812	18.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	40770	19.03	ug/l	99

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

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