

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042400.D
 Acq On : 22 Feb 2021 17:11
 Operator : SY/MD
 Sample : VU0222WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0222WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 1:24:08 PM

Quant Time: Feb 23 01:04:06 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	163355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	251227	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	233569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	120677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	127513	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	5.298	113	89389	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	7.906	98	320488	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	10.639	95	121480	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	40736	20.68	ug/l	96
3) Chloromethane	1.523	50	38684	19.22	ug/l	97
4) Vinyl Chloride	1.607	62	37019	19.22	ug/l	97
5) Bromomethane	1.861	94	22011	18.55	ug/l	95
6) Chloroethane	1.938	64	22555	20.33	ug/l	96
7) Trichlorofluoromethane	2.141	101	59086	20.00	ug/l	96
8) Diethyl Ether	2.382	74	18913	20.13	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	31047	20.12	ug/l	98
10) Methyl Iodide	2.729	142	41215	18.70	ug/l	99
11) Tert butyl alcohol	3.237	59	55858m	105.54	ug/l	
12) 1,1-Dichloroethene	2.584	96	29488	19.58	ug/l	97
13) Acrolein	2.494	56	20571	72.20	ug/l	97
14) Allyl chloride	2.932	41	66134	19.83	ug/l	99
15) Acrylonitrile	3.327	53	127522	99.77	ug/l	97
16) Acetone	2.645	43	133051	86.59	ug/l	99
17) Carbon Disulfide	2.800	76	81823	18.07	ug/l	99
18) Methyl Acetate	2.957	43	59200	21.21	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	115918	20.33	ug/l	96
20) Methylene Chloride	3.054	84	35011	19.76	ug/l	99
21) trans-1,2-Dichloroethene	3.362	96	33144	20.53	ug/l	91
22) Diisopropyl ether	4.002	45	127059	20.06	ug/l	97
23) Vinyl Acetate	3.964	43	603272	100.24	ug/l	100
24) 1,1-Dichloroethane	3.880	63	65073	19.80	ug/l	99
25) 2-Butanone	4.719	43	199233	97.51	ug/l	97
26) 2,2-Dichloropropane	4.674	77	57795	19.38	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	37782	20.20	ug/l	98
28) Bromochloromethane	4.983	49	33894	19.96	ug/l	99
29) Tetrahydrofuran	5.067	42	125637	98.92	ug/l	100
30) Chloroform	5.099	83	66699	19.96	ug/l	96
31) Cyclohexane	5.398	56	62944	19.40	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	62001	20.38	ug/l	98
36) 1,1-Dichloropropene	5.536	75	47963	19.31	ug/l	99
37) Ethyl Acetate	4.813	43	74519	19.30	ug/l	99
38) Carbon Tetrachloride	5.536	117	51740	19.49	ug/l	99
39) Methylcyclohexane	6.771	83	53895	18.76	ug/l	99
40) Benzene	5.784	78	137372	19.67	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	39638	19.92	ug/l	99
42) 1,2-Dichloroethane	5.803	62	61777	20.29	ug/l	99
43) Isopropyl Acetate	5.922	43	112288	19.78	ug/l	98
44) Trichloroethene	6.549	130	35081	18.86	ug/l	94
45) 1,2-Dichloropropane	6.800	63	37273	19.24	ug/l	99
46) Dibromomethane	6.925	93	26588	19.67	ug/l	97
47) Bromodichloromethane	7.115	83	52621	19.86	ug/l	98
48) Methyl methacrylate	6.967	41	54679	19.48	ug/l	97
49) 1,4-Dioxane	7.012	88	22758	422.13	ug/l #	97
51) 4-Methyl-2-Pentanone	7.800	43	380508	99.06	ug/l	99
52) Toluene	7.976	92	83197	19.31	ug/l	97
53) t-1,3-Dichloropropene	8.218	75	58007	19.92	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	59397	19.19	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	35100	19.63	ug/l	98
56) Ethyl methacrylate	8.340	69	59413	19.38	ug/l	98
57) 1,3-Dichloropropane	8.584	76	62310	19.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	110606	103.33	ug/l	100
59) 2-Hexanone	8.693	43	304430	99.20	ug/l	100
60) Dibromochloromethane	8.816	129	40317	19.33	ug/l	98
61) 1,2-Dibromoethane	8.931	107	39728	19.53	ug/l	98
64) Tetrachloroethene	8.562	164	34006	19.32	ug/l	95
65) Chlorobenzene	9.452	112	89419	19.13	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	35744	20.04	ug/l	100
67) Ethyl Benzene	9.578	91	167396	19.88	ug/l	99
68) m/p-Xylenes	9.700	106	121693	39.07	ug/l	99
69) o-Xylene	10.108	106	59647	19.58	ug/l	98
70) Styrene	10.121	104	98039	19.32	ug/l	99
71) Bromoform	10.298	173	33098	19.25	ug/l #	98
73) Isopropylbenzene	10.491	105	163737	20.34	ug/l	99
74) N-amyl acetate	10.330	43	97926	21.30	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	61887	20.22	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	60582m	20.30	ug/l	
77) Bromobenzene	10.790	156	42801	19.87	ug/l	99
78) n-propylbenzene	10.912	91	185639	19.92	ug/l	100
79) 2-Chlorotoluene	10.992	91	113208	19.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	139043	20.11	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	20103	18.32	ug/l	94
82) 4-Chlorotoluene	11.105	91	133109	20.07	ug/l	98
83) tert-Butylbenzene	11.426	119	139387	20.83	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	140176	20.26	ug/l	99
85) sec-Butylbenzene	11.652	105	157747	20.01	ug/l	100
86) p-Isopropyltoluene	11.799	119	144680	19.88	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	73288	19.70	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	74447	19.55	ug/l	98
89) n-Butylbenzene	12.214	91	121780	19.05	ug/l	99
90) Hexachloroethane	12.484	117	26398	20.45	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	76070	20.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	18262	21.77	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	48694	19.45	ug/l	98
94) Hexachlorobutadiene	14.031	225	24834	18.79	ug/l	96
95) Naphthalene	14.095	128	160230	21.15	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	49232	20.05	ug/l	99

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

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