

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043358.D
 Acq On : 27 Apr 2021 21:22
 Operator : SY/MD
 Sample : VU0428WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0428WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:36:50 AM

Quant Time: Apr 28 09:11:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	93247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	147925	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	137581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	74175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	83033	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
35) Dibromofluoromethane	5.298	113	56021	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	7.906	98	192959	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	10.639	95	71997	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	16416	17.06	ug/l	99
3) Chloromethane	1.523	50	19260	18.01	ug/l	97
4) Vinyl Chloride	1.610	62	17362	16.55	ug/l	99
5) Bromomethane	1.861	94	11848	20.72	ug/l	97
6) Chloroethane	1.935	64	11071	15.27	ug/l	95
7) Trichlorofluoromethane	2.141	101	29378	16.48	ug/l	98
8) Diethyl Ether	2.382	74	9807	17.18	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.587	101	16515	18.00	ug/l	98
10) Methyl Iodide	2.729	142	19237	15.91	ug/l	99
11) Tert butyl alcohol	3.231	59	34587m	85.61	ug/l	
12) 1,1-Dichloroethene	2.587	96	15617	17.89	ug/l	99
13) Acrolein	2.494	56	22947	97.74	ug/l	98
14) Allyl chloride	2.932	41	37949	17.91	ug/l	97
15) Acrylonitrile	3.324	53	75549	86.93	ug/l	98
16) Acetone	2.642	43	78001	84.35	ug/l	99
17) Carbon Disulfide	2.800	76	41628	15.50	ug/l	99
18) Methyl Acetate	2.957	43	38909	19.86	ug/l	95
19) Methyl tert-butyl Ether	3.372	73	61267	17.76	ug/l	98
20) Methylene Chloride	3.054	84	19833	17.81	ug/l	96
21) trans-1,2-Dichloroethene	3.362	96	17202	16.87	ug/l	95
22) Diisopropyl ether	4.002	45	74050	18.27	ug/l	95
23) Vinyl Acetate	3.967	43	340501	86.83	ug/l	98
24) 1,1-Dichloroethane	3.880	63	37741	18.42	ug/l	99
25) 2-Butanone	4.716	43	118420	83.16	ug/l	99
26) 2,2-Dichloropropane	4.671	77	28625	15.93	ug/l	100
27) cis-1,2-Dichloroethene	4.677	96	20140	17.36	ug/l	96
28) Bromochloromethane	4.983	49	21841	20.90	ug/l	92
29) Tetrahydrofuran	5.063	42	74864	83.49	ug/l	94
30) Chloroform	5.099	83	36999	17.05	ug/l	98
31) Cyclohexane	5.398	56	32482	16.80	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	33483	17.45	ug/l	98
36) 1,1-Dichloropropene	5.536	75	25578	16.30	ug/l	99
37) Ethyl Acetate	4.812	43	44200	16.47	ug/l	97
38) Carbon Tetrachloride	5.533	117	26876	15.97	ug/l	98
39) Methylcyclohexane	6.767	83	26712	15.48	ug/l	93
40) Benzene	5.783	78	76636	17.09	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	24002	17.01	ug/l	98
42) 1,2-Dichloroethane	5.803	62	34407	17.30	ug/l	98
43) Isopropyl Acetate	5.919	43	64142	16.76	ug/l	95
44) Trichloroethene	6.549	130	19833	17.44	ug/l	87
45) 1,2-Dichloropropane	6.800	63	21265	17.02	ug/l	96
46) Dibromomethane	6.928	93	15131	17.13	ug/l	96
47) Bromodichloromethane	7.111	83	29463	16.89	ug/l	97
48) Methyl methacrylate	6.967	41	31709	16.50	ug/l	95
49) 1,4-Dioxane	7.015	88	12259	318.47	ug/l #	93
51) 4-Methyl-2-Pentanone	7.799	43	223638	78.99	ug/l	98
52) Toluene	7.976	92	46179	16.61	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	30248	15.62	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	31903	16.22	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	20654	17.32	ug/l	96
56) Ethyl methacrylate	8.340	69	29296	15.00	ug/l	96
57) 1,3-Dichloropropane	8.581	76	34888	16.93	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	38533	53.37	ug/l	98
59) 2-Hexanone	8.693	43	179283	76.90	ug/l	97
60) Dibromochloromethane	8.816	129	21322	15.46	ug/l	97
61) 1,2-Dibromoethane	8.931	107	21305	15.84	ug/l	97
64) Tetrachloroethene	8.558	164	19446	19.48	ug/l	98
65) Chlorobenzene	9.452	112	49158	16.66	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	19215	17.04	ug/l	98
67) Ethyl Benzene	9.574	91	86330	16.21	ug/l	99
68) m/p-Xylenes	9.700	106	65129	33.06	ug/l	96
69) o-Xylene	10.105	106	30810	16.02	ug/l	100
70) Styrene	10.121	104	51413	15.88	ug/l	98
71) Bromoform	10.298	173	17541	15.09	ug/l #	98
73) Isopropylbenzene	10.491	105	84435	16.96	ug/l	98
74) N-amyl acetate	10.327	43	49351	15.43	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	36610	16.89	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	34493m	15.91	ug/l	
77) Bromobenzene	10.790	156	22166	15.98	ug/l	95
78) n-propylbenzene	10.912	91	97527	16.36	ug/l	99
79) 2-Chlorotoluene	10.992	91	59737	16.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	69496	15.81	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	9922	13.45	ug/l	91
82) 4-Chlorotoluene	11.102	91	71710	16.48	ug/l	98
83) tert-Butylbenzene	11.426	119	68122	15.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	69736	15.44	ug/l	99
85) sec-Butylbenzene	11.651	105	80120	15.82	ug/l	98
86) p-Isopropyltoluene	11.799	119	71240	15.28	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	40634	16.16	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	41627	15.87	ug/l	98
89) n-Butylbenzene	12.214	91	63258	14.49	ug/l	97
90) Hexachloroethane	12.481	117	11412	13.06	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	41891	16.31	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	9339	15.22	ug/l	92
93) 1,2,4-Trichlorobenzene	13.847	180	27470	17.19	ug/l	99
94) Hexachlorobutadiene	14.028	225	13322	15.29	ug/l	97
95) Naphthalene	14.092	128	86321	17.95	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	27786	17.84	ug/l	99

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

