

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042905.D
 Acq On : 02 Apr 2021 18:54
 Operator : SY/MD
 Sample : VU0402WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0402WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 10:16:34 AM

Quant Time: Apr 03 00:15:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	86600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	140139	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	141678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	76846	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	5.298	113	50901	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	7.906	98	169464	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	10.639	95	66151	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	17002	16.70	ug/l	99
3) Chloromethane	1.523	50	20141	18.28	ug/l	96
4) Vinyl Chloride	1.607	62	17832	17.78	ug/l	98
5) Bromomethane	1.854	94	14107	18.74	ug/l	95
6) Chloroethane	1.935	64	12612	15.33	ug/l	93
7) Trichlorofluoromethane	2.141	101	31173	17.83	ug/l	98
8) Diethyl Ether	2.382	74	12312	22.60	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.587	101	15064	17.98	ug/l	99
10) Methyl Iodide	2.729	142	20455	18.10	ug/l	100
11) Tert butyl alcohol	3.192	59	33901	114.86	ug/l	96
12) 1,1-Dichloroethene	2.587	96	14031	17.86	ug/l	93
13) Acrolein	2.491	56	5887	54.80	ug/l	90
14) Allyl chloride	2.932	41	34824	20.29	ug/l	98
15) Acrylonitrile	3.321	53	82525	121.91	ug/l	98
16) Acetone	2.629	43	81153	107.36	ug/l	100
17) Carbon Disulfide	2.800	76	35995	16.19	ug/l	97
18) Methyl Acetate	2.954	43	44527	28.16	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	69883	23.44	ug/l	99
20) Methylene Chloride	3.054	84	21113	21.24	ug/l	97
21) trans-1,2-Dichloroethene	3.362	96	16803	19.07	ug/l	94
22) Diisopropyl ether	3.999	45	77684	22.49	ug/l #	83
23) Vinyl Acetate	3.964	43	362751	112.84	ug/l	99
24) 1,1-Dichloroethane	3.880	63	35870	19.92	ug/l	95
25) 2-Butanone	4.710	43	131700	117.22	ug/l	99
26) 2,2-Dichloropropane	4.674	77	28561	17.96	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	21005	20.82	ug/l	99
28) Bromochloromethane	4.983	49	22360	24.87	ug/l	95
29) Tetrahydrofuran	5.060	42	84314	121.30	ug/l	100
30) Chloroform	5.099	83	38972	20.47	ug/l	94
31) Cyclohexane	5.394	56	29602	17.22	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	31982	18.93	ug/l	98
36) 1,1-Dichloropropene	5.536	75	23235	16.76	ug/l	99
37) Ethyl Acetate	4.809	43	48551	22.57	ug/l	99
38) Carbon Tetrachloride	5.536	117	26712	16.88	ug/l	97
39) Methylcyclohexane	6.774	83	25989	16.37	ug/l	97
40) Benzene	5.784	78	77038	18.58	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	25790	22.88	ug/l	98
42) 1,2-Dichloroethane	5.800	62	38423	21.61	ug/l	99
43) Isopropyl Acetate	5.919	43	71579	22.09	ug/l	99
44) Trichloroethene	6.549	130	19386	18.19	ug/l	99
45) 1,2-Dichloropropane	6.800	63	22939	20.80	ug/l	99
46) Dibromomethane	6.925	93	17192	21.88	ug/l	97
47) Bromodichloromethane	7.115	83	32658	20.46	ug/l	99
48) Methyl methacrylate	6.967	41	35879	22.95	ug/l	98
49) 1,4-Dioxane	6.980	88	13638	413.12	ug/l #	94
51) 4-Methyl-2-Pentanone	7.800	43	259153	114.33	ug/l	99
52) Toluene	7.976	92	47969	18.92	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	33268	19.70	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	33706	19.07	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	23288	21.35	ug/l	98
56) Ethyl methacrylate	8.340	69	35307	21.19	ug/l	96
57) 1,3-Dichloropropane	8.584	76	39101	20.89	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.472	63	42539	97.90	ug/l	100
59) 2-Hexanone	8.690	43	207246	114.97	ug/l	99
60) Dibromochloromethane	8.816	129	26423	20.83	ug/l	95
61) 1,2-Dibromoethane	8.931	107	25150	20.28	ug/l	99
64) Tetrachloroethene	8.558	164	19556	17.10	ug/l	96
65) Chlorobenzene	9.452	112	54092	18.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	21568	18.82	ug/l	98
67) Ethyl Benzene	9.578	91	91249	17.66	ug/l	99
68) m/p-Xylenes	9.700	106	68306	35.87	ug/l	99
69) o-Xylene	10.108	106	33196	18.01	ug/l	95
70) Styrene	10.121	104	57782	18.56	ug/l	99
71) Bromoform	10.298	173	20766	19.10	ug/l #	98
73) Isopropylbenzene	10.491	105	90023	18.20	ug/l	100
74) N-amyl acetate	10.327	43	60352	21.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	40380	19.97	ug/l	96
76) 1,2,3-Trichloropropane	10.832	75	44006m	22.14	ug/l	
77) Bromobenzene	10.790	156	26917	19.77	ug/l	96
78) n-propylbenzene	10.912	91	107731	18.50	ug/l	100
79) 2-Chlorotoluene	10.992	91	65667	18.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	79007	18.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	12589	18.77	ug/l	92
82) 4-Chlorotoluene	11.102	91	78685	18.75	ug/l	98
83) tert-Butylbenzene	11.426	119	77172	18.46	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	81446	18.79	ug/l	97
85) sec-Butylbenzene	11.651	105	89516	18.42	ug/l	99
86) p-Isopropyltoluene	11.799	119	83346	18.74	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	45231	18.49	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	47008	18.71	ug/l	99
89) n-Butylbenzene	12.214	91	74396	17.73	ug/l	98
90) Hexachloroethane	12.481	117	13490	16.07	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	47721	19.16	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	12368	23.10	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	30982	19.52	ug/l	98
94) Hexachlorobutadiene	14.031	225	16681	17.96	ug/l	96
95) Naphthalene	14.095	128	96381	19.83	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	32622	20.30	ug/l	96

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

