

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042777.D
 Acq On : 25 Mar 2021 12:08
 Operator : SY/MD
 Sample : VU0325WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325WBS01

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:59:21 AM

Quant Time: Mar 26 02:04:16 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	5.385	168	110889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	172759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	169960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	91159	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	5.298	113	63339	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	7.906	98	228154	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	10.639	95	85366	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	26757	20.53	ug/l	97
3) Chloromethane	1.523	50	27367	19.39	ug/l	99
4) Vinyl Chloride	1.607	62	26089	20.32	ug/l	99
5) Bromomethane	1.861	94	20748	22.80	ug/l	96
6) Chloroethane	1.935	64	19626	18.90	ug/l	98
7) Trichlorofluoromethane	2.141	101	43964	19.64	ug/l	93
8) Diethyl Ether	2.382	74	14128	20.25	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	20942	19.52	ug/l	98
10) Methyl Iodide	2.729	142	27043	18.69	ug/l	100
11) Tert butyl alcohol	3.224	59	42610	112.75	ug/l #	86
12) 1,1-Dichloroethene	2.584	96	19913	19.80	ug/l	94
13) Acrolein	2.494	56	13976	105.29	ug/l	95
14) Allyl chloride	2.932	41	44406	20.21	ug/l	99
15) Acrylonitrile	3.324	53	90486	104.39	ug/l	98
16) Acetone	2.642	43	92808	94.39	ug/l	99
17) Carbon Disulfide	2.800	76	56823	19.97	ug/l	99
18) Methyl Acetate	2.957	43	44224	21.84	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	77740	20.37	ug/l	95
20) Methylene Chloride	3.054	84	24651	19.37	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	22047	19.54	ug/l	95
22) Diisopropyl ether	4.002	45	88948	20.11	ug/l	90
23) Vinyl Acetate	3.967	43	418033	101.55	ug/l	100
24) 1,1-Dichloroethane	3.880	63	44246	19.19	ug/l	99
25) 2-Butanone	4.716	43	145373	101.05	ug/l	99
26) 2,2-Dichloropropane	4.674	77	39149	19.22	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	25886	20.04	ug/l	98
28) Bromochloromethane	4.983	49	25948	22.54	ug/l	99
29) Tetrahydrofuran	5.063	42	94649	106.34	ug/l	99
30) Chloroform	5.099	83	48503	19.90	ug/l	100
31) Cyclohexane	5.398	56	42484	19.30	ug/l #	96
32) 1,1,1-Trichloroethane	5.324	97	42566	19.67	ug/l	98
36) 1,1-Dichloropropene	5.536	75	32291	18.90	ug/l	98
37) Ethyl Acetate	4.813	43	52963	19.97	ug/l	99
38) Carbon Tetrachloride	5.536	117	36854	18.89	ug/l	98
39) Methylcyclohexane	6.771	83	37019	18.91	ug/l	98
40) Benzene	5.784	78	97584	19.09	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	28651	20.62	ug/l	99
42) 1,2-Dichloroethane	5.803	62	44305	20.21	ug/l	100
43) Isopropyl Acetate	5.922	43	80617	20.19	ug/l	99
44) Trichloroethene	6.552	130	25109	19.11	ug/l	95
45) 1,2-Dichloropropane	6.800	63	28015	20.60	ug/l	100
46) Dibromomethane	6.928	93	19514	20.14	ug/l	99
47) Bromodichloromethane	7.115	83	38098	19.36	ug/l	99
48) Methyl methacrylate	6.967	41	40436	20.98	ug/l	98
49) 1,4-Dioxane	7.002	88	17889	441.98	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	284884	101.95	ug/l	100
52) Toluene	7.976	92	61926	19.81	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	41046	19.71	ug/l	97
54) cis-1,3-Dichloropropene	7.616	75	41502	19.05	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	26425	19.65	ug/l	99
56) Ethyl methacrylate	8.340	69	41144	20.03	ug/l	99
57) 1,3-Dichloropropane	8.584	76	45512	19.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	53936	99.94	ug/l	98
59) 2-Hexanone	8.693	43	229721	103.37	ug/l	99
60) Dibromochloromethane	8.819	129	30394	19.44	ug/l	98
61) 1,2-Dibromoethane	8.931	107	28735	18.79	ug/l	100
64) Tetrachloroethene	8.562	164	25488	18.57	ug/l	97
65) Chlorobenzene	9.455	112	65695	19.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	26242	19.09	ug/l	99
67) Ethyl Benzene	9.578	91	118545	19.13	ug/l	99
68) m/p-Xylenes	9.700	106	88233	38.63	ug/l	99
69) o-Xylene	10.108	106	42313	19.14	ug/l	95
70) Styrene	10.121	104	70898	18.99	ug/l	98
71) Bromoform	10.301	173	24331	18.66	ug/l #	99
73) Isopropylbenzene	10.491	105	117594	20.40	ug/l	100
74) N-amyl acetate	10.330	43	69168	21.26	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	46522	19.75	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	44537m	19.23	ug/l	
77) Bromobenzene	10.790	156	32292	20.36	ug/l	97
78) n-propylbenzene	10.912	91	139797	20.61	ug/l	98
79) 2-Chlorotoluene	10.992	91	84037	20.53	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	101769	20.35	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	14499	18.55	ug/l	95
82) 4-Chlorotoluene	11.105	91	99431	20.34	ug/l	100
83) tert-Butylbenzene	11.430	119	96429	19.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	103289	20.45	ug/l	99
85) sec-Butylbenzene	11.652	105	116309	20.54	ug/l	100
86) p-Isopropyltoluene	11.803	119	106316	20.52	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	55593	19.51	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	57588	19.67	ug/l	99
89) n-Butylbenzene	12.217	91	94842	19.40	ug/l	99
90) Hexachloroethane	12.484	117	18903	19.32	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	57916	19.96	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	13393	21.46	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	37574	20.31	ug/l	99
94) Hexachlorobutadiene	14.031	225	20742	19.17	ug/l	99
95) Naphthalene	14.095	128	112371	19.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	37941	20.26	ug/l	98

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

