

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042996.D
 Acq On : 08 Apr 2021 19:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040921

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:47:34 PM

Quant Time: Apr 09 07:31:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 07:30:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	126842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	198245	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	195384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99842	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	5.298	113	68397	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	7.906	98	253616	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.639	95	100507	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	64072	53.20	ug/l	98
3) Chloromethane	1.523	50	71161	50.05	ug/l	98
4) Vinyl Chloride	1.607	62	68656	51.10	ug/l	89
5) Bromomethane	1.858	94	41951	52.09	ug/l	97
6) Chloroethane	1.929	64	37170	37.38	ug/l	100
7) Trichlorofluoromethane	2.138	101	114587	49.30	ug/l	99
8) Diethyl Ether	2.382	74	38940	52.30	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	60119	50.32	ug/l	99
10) Methyl Iodide	2.726	142	81256	49.69	ug/l	99
11) Tert butyl alcohol	3.279	59	136112m	241.44	ug/l	
12) 1,1-Dichloroethene	2.584	96	57054	48.83	ug/l	98
13) Acrolein	2.491	56	96581	238.49	ug/l	99
14) Allyl chloride	2.929	41	137701	51.33	ug/l	98
15) Acrylonitrile	3.324	53	281406	252.02	ug/l	98
16) Acetone	2.639	43	283181	243.53	ug/l	100
17) Carbon Disulfide	2.797	76	163866	49.14	ug/l	99
18) Methyl Acetate	2.954	43	133050	50.18	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	234474	50.91	ug/l	99
20) Methylene Chloride	3.051	84	68925	46.30	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	65930	49.84	ug/l	95
22) Diisopropyl ether	3.999	45	277229	52.00	ug/l	91
23) Vinyl Acetate	3.964	43	1347747	263.46	ug/l	100
24) 1,1-Dichloroethane	3.877	63	136391	52.11	ug/l	98
25) 2-Butanone	4.716	43	469342	252.61	ug/l	100
26) 2,2-Dichloropropane	4.674	77	115838	49.61	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	77375	52.13	ug/l	99
28) Bromochloromethane	4.983	49	68677	50.12	ug/l	99
29) Tetrahydrofuran	5.060	42	301377	253.43	ug/l	99
30) Chloroform	5.096	83	143529	50.82	ug/l	99
31) Cyclohexane	5.395	56	122079	48.85	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	125237	51.63	ug/l	99
36) 1,1-Dichloropropene	5.533	75	100944	51.85	ug/l	98
37) Ethyl Acetate	4.813	43	173296	51.70	ug/l	99
38) Carbon Tetrachloride	5.533	117	110380	51.48	ug/l	98
39) Methylcyclohexane	6.771	83	113174	52.74	ug/l	97
40) Benzene	5.781	78	289472	50.83	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	91781	51.44	ug/l	99
42) 1,2-Dichloroethane	5.803	62	130088	51.47	ug/l	99
43) Isopropyl Acetate	5.919	43	256187	52.64	ug/l	99
44) Trichloroethene	6.549	130	73028	49.66	ug/l	100
45) 1,2-Dichloropropane	6.800	63	81697	51.27	ug/l	95
46) Dibromomethane	6.925	93	57591	52.12	ug/l	98
47) Bromodichloromethane	7.115	83	113901	51.49	ug/l	99
48) Methyl methacrylate	6.967	41	128001	51.63	ug/l	99
49) 1,4-Dioxane	7.002	88	50765	955.72	ug/l #	75
51) 4-Methyl-2-Pentanone	7.803	43	943697	254.80	ug/l	99
52) Toluene	7.977	92	188595	52.76	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	132115	47.90	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	130296	47.27	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	80337	52.68	ug/l	98
56) Ethyl methacrylate	8.340	69	137361	46.00	ug/l	100
57) 1,3-Dichloropropane	8.584	76	139857	52.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	264240	221.65	ug/l	98
59) 2-Hexanone	8.697	43	774587	224.35	ug/l	99
60) Dibromochloromethane	8.819	129	92845	46.59	ug/l	100
61) 1,2-Dibromoethane	8.931	107	91089	52.42	ug/l	100
64) Tetrachloroethene	8.559	164	64115	50.34	ug/l	98
65) Chlorobenzene	9.452	112	204648	50.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	78622	49.87	ug/l	97
67) Ethyl Benzene	9.578	91	380405	52.79	ug/l	100
68) m/p-Xylenes	9.700	106	280734	106.50	ug/l	99
69) o-Xylene	10.105	106	135769	53.13	ug/l	98
70) Styrene	10.121	104	233024	46.79	ug/l	99
71) Bromoform	10.298	173	80592	45.29	ug/l #	99
73) Isopropylbenzene	10.491	105	376728	54.09	ug/l	99
74) N-amyl acetate	10.327	43	242233	56.54	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	154568	49.39	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	158729m	50.83	ug/l	
77) Bromobenzene	10.790	156	100387	53.08	ug/l	99
78) n-propylbenzene	10.912	91	449516	53.16	ug/l	99
79) 2-Chlorotoluene	10.993	91	266017	51.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	329979	53.55	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	52991	47.88	ug/l	98
82) 4-Chlorotoluene	11.102	91	316859	52.04	ug/l	100
83) tert-Butylbenzene	11.427	119	322965	52.43	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	335707	52.62	ug/l	100
85) sec-Butylbenzene	11.648	105	377199	52.47	ug/l	100
86) p-Isopropyltoluene	11.800	119	348424	53.61	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	179240	50.56	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	182731	50.75	ug/l	99
89) n-Butylbenzene	12.214	91	327943	48.80	ug/l	99
90) Hexachloroethane	12.481	117	63717	48.42	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	178420	50.83	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	43663	48.91	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	128377	58.66	ug/l	98
94) Hexachlorobutadiene	14.028	225	64103	53.54	ug/l	98
95) Naphthalene	14.092	128	404506	51.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	124918	57.42	ug/l	98

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

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