

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043014.D
 Acq On : 12 Apr 2021 10:34
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:00 PM

Quant Time: Apr 12 12:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:08:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	103326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	156527	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	149559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	10171	6.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	13.02%	
35) Dibromofluoromethane	5.298	113	6554	5.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.88%	
50) Toluene-d8	7.906	98	21753	5.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.98%	
62) 4-Bromofluorobenzene	10.639	95	8149	5.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.36%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	4831	4.02	ug/l	91
3) Chloromethane	1.523	50	6273	5.01	ug/l	99
4) Vinyl Chloride	1.607	62	5455	4.56	ug/l	89
5) Bromomethane	1.845	94	3619	4.92	ug/l	95
6) Chloroethane	1.925	64	4233	5.92	ug/l	98
7) Trichlorofluoromethane	2.138	101	10320	5.53	ug/l	94
8) Diethyl Ether	2.382	74	3294	5.51	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.584	101	5050	5.17	ug/l	99
10) Methyl Iodide	2.729	142	5683	4.12	ug/l	96
11) Tert butyl alcohol	3.189	59	10558m	29.64	ug/l	
12) 1,1-Dichloroethene	2.584	96	4516	4.76	ug/l	87
13) Acrolein	2.491	56	4461	20.15	ug/l	100
14) Allyl chloride	2.928	41	10946	5.17	ug/l	95
15) Acrylonitrile	3.321	53	23106	27.94	ug/l	98
16) Acetone	2.633	43	25015	25.36	ug/l	99
17) Carbon Disulfide	2.797	76	13806	4.83	ug/l	97
18) Methyl Acetate	2.957	43	10245	5.64	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	18647	5.14	ug/l	93
20) Methylene Chloride	3.051	84	5896	5.22	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	5590	5.45	ug/l	93
22) Diisopropyl ether	4.002	45	21661	5.33	ug/l	97
23) Vinyl Acetate	3.964	43	100042	25.86	ug/l	97
24) 1,1-Dichloroethane	3.877	63	11598	5.54	ug/l	98
25) 2-Butanone	4.713	43	36440	27.32	ug/l	98
26) 2,2-Dichloropropane	4.674	77	9872	5.21	ug/l	96
27) cis-1,2-Dichloroethene	4.674	96	6408	5.38	ug/l	98
28) Bromochloromethane	4.980	49	5828	5.47	ug/l #	90
29) Tetrahydrofuran	5.060	42	22577	27.16	ug/l	96
30) Chloroform	5.096	83	11899	5.55	ug/l	96
31) Cyclohexane	5.391	56	12063	5.85	ug/l #	90
32) 1,1,1-Trichloroethane	5.324	97	10347	5.32	ug/l	98
36) 1,1-Dichloropropene	5.533	75	8193	5.22	ug/l	98
37) Ethyl Acetate	4.813	43	13233	5.36	ug/l #	97
38) Carbon Tetrachloride	5.533	117	8387	5.00	ug/l	95
39) Methylcyclohexane	6.771	83	8476	4.70	ug/l	95
40) Benzene	5.784	78	24242	5.49	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	7501	5.88	ug/l	95
42) 1,2-Dichloroethane	5.803	62	10600	5.48	ug/l	99
43) Isopropyl Acetate	5.919	43	19451	5.36	ug/l	97
44) Trichloroethene	6.552	130	5784	4.96	ug/l	96
45) 1,2-Dichloropropane	6.800	63	6535	5.31	ug/l	99
46) Dibromomethane	6.925	93	4748	5.56	ug/l	96
47) Bromodichloromethane	7.115	83	9106	5.42	ug/l	99
48) Methyl methacrylate	6.967	41	9164	5.09	ug/l	95
49) 1,4-Dioxane	6.983	88	3770	107.71	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	67648	27.06	ug/l	99
52) Toluene	7.976	92	14228	5.20	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	9366	5.05	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	9601	4.91	ug/l	90
55) 1,1,2-Trichloroethane	8.407	97	6311	5.55	ug/l	89
56) Ethyl methacrylate	8.343	69	9246	4.75	ug/l	96
57) 1,3-Dichloropropane	8.584	76	10270	5.18	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.472	63	14824	22.37	ug/l	99
59) 2-Hexanone	8.694	43	52619	26.12	ug/l	97
60) Dibromochloromethane	8.816	129	6615	4.98	ug/l	98
61) 1,2-Dibromoethane	8.931	107	6813	5.24	ug/l	97
64) Tetrachloroethene	8.562	164	5422	4.84	ug/l	91
65) Chlorobenzene	9.452	112	15409	5.11	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.542	131	6039	5.25	ug/l	98
67) Ethyl Benzene	9.578	91	26878	4.93	ug/l	98
68) m/p-Xylenes	9.700	106	19789	9.78	ug/l	99
69) o-Xylene	10.105	106	9733	4.92	ug/l	98
70) Styrene	10.121	104	15340	4.63	ug/l	99
71) Bromoform	10.301	173	5658	5.09	ug/l #	95
73) Isopropylbenzene	10.491	105	26299	4.86	ug/l	100
74) N-amyl acetate	10.327	43	15478	4.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	11818	5.65	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	12123m	5.88	ug/l	
77) Bromobenzene	10.790	156	7332	5.07	ug/l	98
78) n-propylbenzene	10.912	91	30570	4.86	ug/l	100
79) 2-Chlorotoluene	10.992	91	19045	4.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	21960	4.68	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	3596	4.80	ug/l	90
82) 4-Chlorotoluene	11.102	91	21921	4.88	ug/l	100
83) tert-Butylbenzene	11.430	119	22368	4.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	22883	4.88	ug/l	99
85) sec-Butylbenzene	11.652	105	25471	4.79	ug/l	100
86) p-Isopropyltoluene	11.800	119	23173	4.71	ug/l	98
87) 1,3-Dichlorobenzene	11.754	146	13262	5.26	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	13738	5.30	ug/l	96
89) n-Butylbenzene	12.217	91	20435	4.68	ug/l	99
90) Hexachloroethane	12.481	117	4521	5.19	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	14163	5.52	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	3078	5.34	ug/l	90
93) 1,2,4-Trichlorobenzene	13.848	180	7300	4.62	ug/l	97
94) Hexachlorobutadiene	14.028	225	5088	5.72	ug/l	93
95) Naphthalene	14.098	128	18327	4.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	7186	4.63	ug/l	99

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

