

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042994.D
 Acq On : 08 Apr 2021 18:45
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:47:23 PM

Quant Time: Apr 09 06:25:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 06:22:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	117787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	181915	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	186993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	194589	102.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	205.90%	
35) Dibromofluoromethane	5.295	113	135869	100.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	201.06%	
50) Toluene-d8	7.906	98	509231	106.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	213.74%	
62) 4-Bromofluorobenzene	10.642	95	223638	119.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	238.08%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	122981	91.77	ug/l	97
3) Chloromethane	1.523	50	131855	88.49	ug/l	98
4) Vinyl Chloride	1.607	62	132456	97.71	ug/l	96
5) Bromomethane	1.835	94	61366	66.77	ug/l	100
6) Chloroethane	1.916	64	91271	88.54	ug/l	97
7) Trichlorofluoromethane	2.131	101	219281	93.14	ug/l	99
8) Diethyl Ether	2.379	74	70844	95.16	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	114413	100.37	ug/l	99
10) Methyl Iodide	2.726	142	164897	107.20	ug/l	99
11) Tert butyl alcohol	3.228	59	272255	639.15	ug/l	99
12) 1,1-Dichloroethene	2.581	96	108554	101.21	ug/l	99
13) Acrolein	2.488	56	192581	955.72	ug/l	99
14) Allyl chloride	2.925	41	268606	112.52	ug/l	98
15) Acrylonitrile	3.318	53	559975	588.41	ug/l	99
16) Acetone	2.629	43	551797	509.36	ug/l	99
17) Carbon Disulfide	2.793	76	316635	104.39	ug/l	100
18) Methyl Acetate	2.948	43	263792	119.21	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	457714	111.34	ug/l	99
20) Methylene Chloride	3.051	84	135022	99.12	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	126622	104.53	ug/l	93
22) Diisopropyl ether	3.999	45	551804	115.81	ug/l	97
23) Vinyl Acetate	3.961	43	2710977	606.25	ug/l	100
24) 1,1-Dichloroethane	3.877	63	259548	104.57	ug/l	99
25) 2-Butanone	4.707	43	946676	598.58	ug/l	99
26) 2,2-Dichloropropane	4.671	77	231595	106.44	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	151502	109.26	ug/l	99
28) Bromochloromethane	4.980	49	137091	112.16	ug/l #	98
29) Tetrahydrofuran	5.054	42	609443	620.12	ug/l	100
30) Chloroform	5.096	83	278610	106.50	ug/l	99
31) Cyclohexane	5.395	56	235129	100.21	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	250331	107.82	ug/l	99
36) 1,1-Dichloropropene	5.533	75	198554	109.69	ug/l	98
37) Ethyl Acetate	4.809	43	341533	119.25	ug/l	99
38) Carbon Tetrachloride	5.533	117	217556	105.87	ug/l	95
39) Methylcyclohexane	6.771	83	224112	109.34	ug/l	99
40) Benzene	5.780	78	569759	105.38	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	187925	124.84	ug/l	100
42) 1,2-Dichloroethane	5.800	62	252513	108.38	ug/l	100
43) Isopropyl Acetate	5.919	43	502913	117.32	ug/l	100
44) Trichloroethene	6.549	130	145870	105.79	ug/l	94
45) 1,2-Dichloropropane	6.796	63	159871	110.99	ug/l	99
46) Dibromomethane	6.925	93	111010	107.96	ug/l	98
47) Bromodichloromethane	7.112	83	229141	110.24	ug/l	97
48) Methyl methacrylate	6.967	41	263202	126.47	ug/l	99
49) 1,4-Dioxane	6.977	88	101056	2471.45	ug/l	96
51) 4-Methyl-2-Pentanone	7.803	43	2042798	668.48	ug/l	99
52) Toluene	7.976	92	372250	112.56	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	264887	119.56	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	263384	113.53	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	159081	111.60	ug/l	98
56) Ethyl methacrylate	8.343	69	293453	132.27	ug/l	97
57) 1,3-Dichloropropane	8.584	76	278630	113.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	578400	981.76	ug/l	99
59) 2-Hexanone	8.697	43	1689621	689.10	ug/l	99
60) Dibromochloromethane	8.819	129	193317	116.49	ug/l	99
61) 1,2-Dibromoethane	8.931	107	183964	112.79	ug/l	98
64) Tetrachloroethene	8.558	164	127898	87.80	ug/l	97
65) Chlorobenzene	9.456	112	409322	107.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	165259	108.75	ug/l	98
67) Ethyl Benzene	9.578	91	763029	111.14	ug/l	99
68) m/p-Xylenes	9.700	106	563432	223.43	ug/l	99
69) o-Xylene	10.108	106	277730	113.49	ug/l	97
70) Styrene	10.121	104	500204	120.74	ug/l	99
71) Bromoform	10.301	173	179259	123.15	ug/l #	100
73) Isopropylbenzene	10.491	105	777168	106.91	ug/l	100
74) N-amyl acetate	10.330	43	511744	122.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	344044	112.92	ug/l	98
76) 1,2,3-Trichloropropane	10.835	75	344455m	114.17	ug/l	
77) Bromobenzene	10.790	156	214675	106.86	ug/l	100
78) n-propylbenzene	10.912	91	962293	111.94	ug/l	99
79) 2-Chlorotoluene	10.992	91	577509	111.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	713313	112.52	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	122376	121.37	ug/l	97
82) 4-Chlorotoluene	11.105	91	696420	112.09	ug/l	99
83) tert-Butylbenzene	11.427	119	698904	112.30	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	732931	114.54	ug/l	99
85) sec-Butylbenzene	11.652	105	824117	114.81	ug/l	100
86) p-Isopropyltoluene	11.800	119	763922	116.41	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	391503	107.86	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	396896	106.78	ug/l	99
89) n-Butylbenzene	12.214	91	726032	117.06	ug/l	99
90) Hexachloroethane	12.484	117	141730	113.35	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	389202	105.68	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	96231	119.38	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	263337	113.70	ug/l	99
94) Hexachlorobutadiene	14.028	225	127201	94.91	ug/l	99
95) Naphthalene	14.095	128	862663	131.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	258277	110.71	ug/l	99

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

