

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042941.D
 Acq On : 05 Apr 2021 19:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 12:54:20 PM

Quant Time: Apr 06 01:22:35 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	146629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	234537	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	220917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	128679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	112265	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	5.298	113	79385	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
50) Toluene-d8	7.906	98	280249	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	10.639	95	112340	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	74070	42.98	ug/l	99
3) Chloromethane	1.523	50	73392	39.33	ug/l	97
4) Vinyl Chloride	1.607	62	73111	43.07	ug/l	100
5) Bromomethane	1.861	94	44318	42.11	ug/l	94
6) Chloroethane	1.932	64	49078	38.50	ug/l	100
7) Trichlorofluoromethane	2.141	101	124037	41.90	ug/l	96
8) Diethyl Ether	2.382	74	41850	45.36	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	64410	45.39	ug/l	98
10) Methyl Iodide	2.729	142	84607	44.22	ug/l	100
11) Tert butyl alcohol	3.215	59	140066	280.28	ug/l #	91
12) 1,1-Dichloroethene	2.588	96	60509	45.50	ug/l	99
13) Acrolein	2.494	56	33103	192.02	ug/l	96
14) Allyl chloride	2.929	41	145042	49.92	ug/l	98
15) Acrylonitrile	3.324	53	305048	266.14	ug/l	99
16) Acetone	2.639	43	298420	249.59	ug/l	100
17) Carbon Disulfide	2.800	76	157645	41.89	ug/l	99
18) Methyl Acetate	2.954	43	165569	61.84	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	257905	51.10	ug/l	100
20) Methylene Chloride	3.054	84	74566	44.31	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	68504	45.91	ug/l	97
22) Diisopropyl ether	3.999	45	301074	51.47	ug/l	95
23) Vinyl Acetate	3.964	43	1376616	252.91	ug/l	100
24) 1,1-Dichloroethane	3.877	63	143203	46.97	ug/l	99
25) 2-Butanone	4.713	43	504540	265.21	ug/l	99
26) 2,2-Dichloropropane	4.674	77	127157	47.21	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	83407	48.83	ug/l	98
28) Bromochloromethane	4.983	49	80032	52.57	ug/l	98
29) Tetrahydrofuran	5.060	42	321433	273.11	ug/l	99
30) Chloroform	5.099	83	156210	48.46	ug/l	98
31) Cyclohexane	5.398	56	130292	44.77	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	136708	47.79	ug/l	98
36) 1,1-Dichloropropene	5.536	75	106083	45.73	ug/l	100
37) Ethyl Acetate	4.809	43	182689	50.74	ug/l	100
38) Carbon Tetrachloride	5.533	117	116124	43.85	ug/l	98
39) Methylcyclohexane	6.771	83	118735	44.69	ug/l	99
40) Benzene	5.784	78	307518	44.31	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	98328	52.12	ug/l	99
42) 1,2-Dichloroethane	5.803	62	139739	46.96	ug/l	100
43) Isopropyl Acetate	5.919	43	271978	50.16	ug/l	99
44) Trichloroethene	6.549	130	80884	45.34	ug/l	95
45) 1,2-Dichloropropane	6.800	63	86962	47.11	ug/l	97
46) Dibromomethane	6.925	93	61672	46.89	ug/l	98
47) Bromodichloromethane	7.115	83	124002	46.41	ug/l	99
48) Methyl methacrylate	6.967	41	138869	53.07	ug/l	98
49) 1,4-Dioxane	7.006	88	53339	1015.72	ug/l #	94
51) 4-Methyl-2-Pentanone	7.800	43	990813	261.19	ug/l	99
52) Toluene	7.977	92	197575	46.57	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	140503	49.71	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	138978	46.98	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	83785	45.90	ug/l	96
56) Ethyl methacrylate	8.340	69	145687	52.23	ug/l	100
57) 1,3-Dichloropropane	8.584	76	148046	47.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	237362	264.48	ug/l	99
59) 2-Hexanone	8.694	43	821217	272.21	ug/l	99
60) Dibromochloromethane	8.816	129	98123	46.23	ug/l	97
61) 1,2-Dibromoethane	8.931	107	96504	46.49	ug/l	97
64) Tetrachloroethene	8.559	164	78226	43.86	ug/l	97
65) Chlorobenzene	9.452	112	211909	47.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	84136	47.08	ug/l	97
67) Ethyl Benzene	9.578	91	399410	49.58	ug/l	100
68) m/p-Xylenes	9.700	106	291730	98.25	ug/l	97
69) o-Xylene	10.108	106	142909	49.72	ug/l	96
70) Styrene	10.121	104	245892	50.66	ug/l	99
71) Bromoform	10.298	173	86229	50.87	ug/l #	98
73) Isopropylbenzene	10.491	105	399027	48.99	ug/l	100
74) N-amyl acetate	10.327	43	252628	54.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	160767	48.29	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	169111m	51.68	ug/l	
77) Bromobenzene	10.790	156	105571	47.10	ug/l	99
78) n-propylbenzene	10.912	91	477663	49.82	ug/l	99
79) 2-Chlorotoluene	10.993	91	282730	48.88	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	349588	49.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	55553	50.29	ug/l	99
82) 4-Chlorotoluene	11.102	91	335024	48.49	ug/l	99
83) tert-Butylbenzene	11.427	119	335097	48.68	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	354758	49.71	ug/l	99
85) sec-Butylbenzene	11.652	105	402560	50.31	ug/l	100
86) p-Isopropyltoluene	11.800	119	370964	50.66	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	190164	47.22	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	192098	46.45	ug/l	100
89) n-Butylbenzene	12.214	91	343424	49.70	ug/l	99
90) Hexachloroethane	12.481	117	63976	46.27	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	192466	46.94	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	48836	55.39	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	131651	50.36	ug/l	100
94) Hexachlorobutadiene	14.028	225	67641	44.24	ug/l	99
95) Naphthalene	14.095	128	478001	54.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	132404	50.04	ug/l	99

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

