

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042378.D
 Acq On : 19 Feb 2021 22:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 12:34:38 PM

Quant Time: Feb 20 00:32:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	144433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	224380	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	214740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	116401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	114331	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	5.298	113	81371	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	7.906	98	290972	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	10.639	95	111627	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	87433	50.20	ug/l	99
3) Chloromethane	1.523	50	86296	48.50	ug/l	100
4) Vinyl Chloride	1.607	62	85887	50.43	ug/l	99
5) Bromomethane	1.861	94	52302	49.85	ug/l	98
6) Chloroethane	1.935	64	52384	53.40	ug/l	97
7) Trichlorofluoromethane	2.141	101	137170	52.50	ug/l	100
8) Diethyl Ether	2.382	74	43364	52.19	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.587	101	67874	49.76	ug/l	98
10) Methyl Iodide	2.729	142	99015	50.82	ug/l	99
11) Tert butyl alcohol	3.227	59	126248	269.79	ug/l #	81
12) 1,1-Dichloroethene	2.584	96	65594	49.27	ug/l	98
13) Acrolein	2.494	56	52522	193.74	ug/l	99
14) Allyl chloride	2.931	41	147157	49.89	ug/l	98
15) Acrylonitrile	3.324	53	277636	245.67	ug/l	99
16) Acetone	2.642	43	274160	201.79	ug/l	100
17) Carbon Disulfide	2.800	76	191550	47.83	ug/l	100
18) Methyl Acetate	2.957	43	140105	56.78	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	257249	51.02	ug/l	99
20) Methylene Chloride	3.054	84	78088	49.85	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	72148	50.55	ug/l	98
22) Diisopropyl ether	4.002	45	291968	52.13	ug/l	96
23) Vinyl Acetate	3.967	43	1354868	254.63	ug/l	100
24) 1,1-Dichloroethane	3.880	63	149271	51.36	ug/l	99
25) 2-Butanone	4.716	43	435067	240.84	ug/l	100
26) 2,2-Dichloropropane	4.674	77	125615	47.63	ug/l	100
27) cis-1,2-Dichloroethene	4.677	96	86548	52.35	ug/l	99
28) Bromochloromethane	4.983	49	77589	51.67	ug/l	99
29) Tetrahydrofuran	5.063	42	277128	246.78	ug/l	99
30) Chloroform	5.099	83	154325	52.22	ug/l	97
31) Cyclohexane	5.398	56	137696	48.01	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	138666	51.55	ug/l	98
36) 1,1-Dichloropropene	5.536	75	110551	49.82	ug/l	100
37) Ethyl Acetate	4.812	43	164631	47.73	ug/l	98
38) Carbon Tetrachloride	5.533	117	120724	50.90	ug/l	95
39) Methylcyclohexane	6.771	83	127764	49.79	ug/l	99
40) Benzene	5.783	78	315903	50.65	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	88649	49.88	ug/l	99
42) 1,2-Dichloroethane	5.803	62	137545	50.59	ug/l	100
43) Isopropyl Acetate	5.918	43	247543	48.83	ug/l	99
44) Trichloroethene	6.552	130	82952	49.94	ug/l	99
45) 1,2-Dichloropropane	6.800	63	87737	50.70	ug/l	97
46) Dibromomethane	6.925	93	61690	51.11	ug/l	98
47) Bromodichloromethane	7.115	83	123414	52.14	ug/l	100
48) Methyl methacrylate	6.967	41	127186	50.73	ug/l	99
49) 1,4-Dioxane	7.008	88	47504	986.56	ug/l #	98
51) 4-Methyl-2-Pentanone	7.799	43	849739	247.68	ug/l	100
52) Toluene	7.976	92	199173	51.77	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	135434	52.08	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	139391	50.42	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	82268	51.51	ug/l	99
56) Ethyl methacrylate	8.340	69	138146	50.46	ug/l	100
57) 1,3-Dichloropropane	8.584	76	143595	51.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.471	63	260866	240.10	ug/l	100
59) 2-Hexanone	8.693	43	685531	250.10	ug/l	99
60) Dibromochloromethane	8.819	129	97190	52.16	ug/l	99
61) 1,2-Dibromoethane	8.931	107	94392	51.96	ug/l	99
64) Tetrachloroethene	8.561	164	79052	48.84	ug/l	99
65) Chlorobenzene	9.455	112	212046	49.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	84911	51.78	ug/l	100
67) Ethyl Benzene	9.578	91	389256	50.28	ug/l	99
68) m/p-Xylenes	9.700	106	287138	100.27	ug/l	99
69) o-Xylene	10.108	106	141114	50.37	ug/l	99
70) Styrene	10.121	104	238630	51.14	ug/l	99
71) Bromoform	10.298	173	80242	50.77	ug/l #	97
73) Isopropylbenzene	10.491	105	391731	50.45	ug/l	99
74) N-amyl acetate	10.327	43	226892	51.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	148421	50.28	ug/l	99
76) 1,2,3-Trichloropropane	10.831	75	150119m	52.16	ug/l	
77) Bromobenzene	10.790	156	101870	49.03	ug/l	99
78) n-propylbenzene	10.912	91	452458	50.34	ug/l	100
79) 2-Chlorotoluene	10.992	91	272295	49.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	334943	50.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	50110	47.34	ug/l	98
82) 4-Chlorotoluene	11.105	91	316931	49.55	ug/l	100
83) tert-Butylbenzene	11.426	119	326915	50.64	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	338659	50.74	ug/l	99
85) sec-Butylbenzene	11.651	105	381625	50.19	ug/l	99
86) p-Isopropyltoluene	11.799	119	354789	50.54	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	179682	50.06	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	182239	49.62	ug/l	98
89) n-Butylbenzene	12.217	91	312708	50.71	ug/l	100
90) Hexachloroethane	12.484	117	63643	51.13	ug/l	99
91) 1,2-Dichlorobenzene	12.220	146	183550	50.23	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	42090	52.01	ug/l	98
93) 1,2,4-Trichlorobenzene	13.847	180	123781	48.51	ug/l	98
94) Hexachlorobutadiene	14.031	225	62235	48.81	ug/l	98
95) Naphthalene	14.095	128	389828	49.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	123014	49.26	ug/l	99

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

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