

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050521\
 Data File : VU043550.D
 Acq On : 05 May 2021 13:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:39:31 PM

Quant Time: May 05 17:02:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	101405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	166394	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	160528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	87182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	87841	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	5.298	113	57824	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	7.906	98	209153	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	10.639	95	79263	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	53320	50.96	ug/l	99
3) Chloromethane	1.523	50	69663	62.79	ug/l	99
4) Vinyl Chloride	1.607	62	62913	55.15	ug/l	98
5) Bromomethane	1.845	94	37627	60.52	ug/l	97
6) Chloroethane	1.932	64	39878	50.67	ug/l	96
7) Trichlorofluoromethane	2.141	101	93582	48.27	ug/l	99
8) Diethyl Ether	2.382	74	35037	56.44	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.584	101	53914	54.05	ug/l	94
10) Methyl Iodide	2.729	142	59389	45.18	ug/l	99
11) Tert butyl alcohol	3.182	59	92515	210.57	ug/l #	76
12) 1,1-Dichloroethene	2.584	96	50295	52.98	ug/l	98
13) Acrolein	2.488	56	61828	226.76	ug/l	100
14) Allyl chloride	2.928	41	126697	55.00	ug/l	98
15) Acrylonitrile	3.317	53	247238	261.61	ug/l	99
16) Acetone	2.629	43	299655	298.75	ug/l	100
17) Carbon Disulfide	2.797	76	136406	46.72	ug/l	99
18) Methyl Acetate	2.951	43	134887	63.30	ug/l	95
19) Methyl tert-butyl Ether	3.372	73	202629	54.02	ug/l	98
20) Methylene Chloride	3.051	84	64348	53.15	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	55506	50.05	ug/l	93
22) Diisopropyl ether	3.999	45	254949	57.85	ug/l	95
23) Vinyl Acetate	3.964	43	1176903	275.97	ug/l	98
24) 1,1-Dichloroethane	3.877	63	125253	56.21	ug/l	98
25) 2-Butanone	4.706	43	406611	262.57	ug/l	97
26) 2,2-Dichloropropane	4.674	77	105013	53.73	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	66273	52.52	ug/l	95
28) Bromochloromethane	4.983	49	63144	55.57	ug/l	85
29) Tetrahydrofuran	5.057	42	245879	252.16	ug/l	95
30) Chloroform	5.095	83	125820	53.32	ug/l	96
31) Cyclohexane	5.395	56	105223	50.04	ug/l	93
32) 1,1,1-Trichloroethane	5.324	97	105069	50.36	ug/l	96
36) 1,1-Dichloropropene	5.533	75	85443	48.40	ug/l	98
37) Ethyl Acetate	4.809	43	145323	48.14	ug/l	97
38) Carbon Tetrachloride	5.533	117	86185	45.54	ug/l	100
39) Methylcyclohexane	6.771	83	92638	47.73	ug/l	93
40) Benzene	5.784	78	255038	50.56	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	79679	50.21	ug/l	97
42) 1,2-Dichloroethane	5.803	62	113755	50.84	ug/l	99
43) Isopropyl Acetate	5.919	43	217369	50.50	ug/l	96
44) Trichloroethene	6.549	130	60585	47.36	ug/l	88
45) 1,2-Dichloropropane	6.800	63	75770	53.92	ug/l	99
46) Dibromomethane	6.925	93	49252	49.56	ug/l	91
47) Bromodichloromethane	7.115	83	102979	52.49	ug/l	96
48) Methyl methacrylate	6.967	41	109555	50.69	ug/l	97
49) 1,4-Dioxane	6.967	88	33755	779.57	ug/l #	93
51) 4-Methyl-2-Pentanone	7.796	43	764385	240.01	ug/l	98
52) Toluene	7.976	92	156678	50.11	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	106459	48.87	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	111848	50.56	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	66989	49.94	ug/l	98
56) Ethyl methacrylate	8.340	69	104894	47.74	ug/l	94
57) 1,3-Dichloropropane	8.584	76	119031	51.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	197035	216.75	ug/l	95
59) 2-Hexanone	8.690	43	609965	232.59	ug/l	97
60) Dibromochloromethane	8.819	129	73172	47.16	ug/l	100
61) 1,2-Dibromoethane	8.931	107	71720	47.40	ug/l	99
64) Tetrachloroethene	8.562	164	57460	49.33	ug/l	97
65) Chlorobenzene	9.452	112	161262	46.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	61665	46.86	ug/l	99
67) Ethyl Benzene	9.578	91	299805	48.25	ug/l	99
68) m/p-Xylenes	9.700	106	220699	96.01	ug/l	96
69) o-Xylene	10.108	106	104616	46.63	ug/l	97
70) Styrene	10.121	104	185273	49.04	ug/l	99
71) Bromoform	10.298	173	56169	41.42	ug/l #	98
73) Isopropylbenzene	10.491	105	296576	50.69	ug/l	98
74) N-amyl acetate	10.327	43	178696	47.53	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	125541	49.27	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	114972m	45.13	ug/l	
77) Bromobenzene	10.790	156	74897	45.95	ug/l	90
78) n-propylbenzene	10.912	91	364912	52.09	ug/l	97
79) 2-Chlorotoluene	10.992	91	213271	50.10	ug/l	97
80) 1,3,5-Trimethylbenzene	11.095	105	257755	49.90	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.555	75	37082	42.77	ug/l	93
82) 4-Chlorotoluene	11.105	91	259579	50.75	ug/l	96
83) tert-Butylbenzene	11.430	119	239062	47.08	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	260249	49.04	ug/l	97
85) sec-Butylbenzene	11.652	105	297542	50.00	ug/l	97
86) p-Isopropyltoluene	11.799	119	269846	49.26	ug/l	98
87) 1,3-Dichlorobenzene	11.754	146	133927	45.32	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	136162	44.17	ug/l	98
89) n-Butylbenzene	12.217	91	260390	50.75	ug/l	98
90) Hexachloroethane	12.484	117	42247	41.14	ug/l	92
91) 1,2-Dichlorobenzene	12.221	146	138287	45.80	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	31599	43.81	ug/l	84
93) 1,2,4-Trichlorobenzene	13.848	180	93033	46.70	ug/l	97
94) Hexachlorobutadiene	14.031	225	46491	46.50	ug/l	99
95) Naphthalene	14.095	128	312040	49.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	95559	49.39	ug/l	99

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

