

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042338.D
 Acq On : 18 Feb 2021 09:37
 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
 2/19/2021 2:43:48 PM

Quant Time: Feb 19 03:06:33 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	5.385	168	146550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	220671	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	208316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	121248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	111954	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	5.301	113	79902	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
50) Toluene-d8	7.906	98	287553	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	10.642	95	113610	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	86518	48.95	ug/l	99
3) Chloromethane	1.523	50	83543	46.28	ug/l	97
4) Vinyl Chloride	1.607	62	82021	47.47	ug/l	100
5) Bromomethane	1.864	94	50006	46.97	ug/l	99
6) Chloroethane	1.938	64	50492	50.73	ug/l	97
7) Trichlorofluoromethane	2.141	101	133722	50.44	ug/l	99
8) Diethyl Ether	2.382	74	41487	49.21	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	68169	49.25	ug/l	98
10) Methyl Iodide	2.729	142	94554	47.83	ug/l	99
11) Tert butyl alcohol	3.276	59	97626m	205.61	ug/l	
12) 1,1-Dichloroethene	2.588	96	64610	47.83	ug/l	98
13) Acrolein	2.498	56	61134	221.09	ug/l	99
14) Allyl chloride	2.932	41	147979	49.45	ug/l	99
15) Acrylonitrile	3.330	53	290050	252.94	ug/l	99
16) Acetone	2.649	43	354718	257.31	ug/l	99
17) Carbon Disulfide	2.800	76	196874	48.45	ug/l	98
18) Methyl Acetate	2.957	43	126094	50.36	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	252028	49.26	ug/l	99
20) Methylene Chloride	3.054	84	75847	47.72	ug/l	99
21) trans-1,2-Dichloroethene	3.363	96	72927	50.35	ug/l	97
22) Diisopropyl ether	4.002	45	284133	50.00	ug/l	96
23) Vinyl Acetate	3.967	43	1369875	253.73	ug/l	100
24) 1,1-Dichloroethane	3.880	63	145170	49.23	ug/l	99
25) 2-Butanone	4.723	43	472111	257.57	ug/l	98
26) 2,2-Dichloropropane	4.674	77	132934	49.68	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	83926	50.03	ug/l	99
28) Bromochloromethane	4.983	49	76287	50.07	ug/l	98
29) Tetrahydrofuran	5.067	42	283178	248.53	ug/l	100
30) Chloroform	5.099	83	149223	49.77	ug/l	97
31) Cyclohexane	5.398	56	134449	46.20	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	135105	49.50	ug/l	99
36) 1,1-Dichloropropene	5.536	75	111459	51.08	ug/l	99
37) Ethyl Acetate	4.816	43	169804	50.06	ug/l	98
38) Carbon Tetrachloride	5.533	117	119769	51.35	ug/l	99
39) Methylcyclohexane	6.774	83	128544	50.93	ug/l	99
40) Benzene	5.784	78	306950	50.05	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	88013	50.35	ug/l	99
42) 1,2-Dichloroethane	5.803	62	133936	50.09	ug/l	100
43) Isopropyl Acetate	5.922	43	247967	49.74	ug/l	99
44) Trichloroethene	6.552	130	83172	50.91	ug/l	98
45) 1,2-Dichloropropane	6.800	63	85209	50.07	ug/l	97
46) Dibromomethane	6.928	93	60500	50.97	ug/l	99
47) Bromodichloromethane	7.115	83	121344	52.13	ug/l	99
48) Methyl methacrylate	6.970	41	124866	50.65	ug/l	100
49) 1,4-Dioxane	7.022	88	50734	1071.35	ug/l #	97
51) 4-Methyl-2-Pentanone	7.803	43	851243	252.29	ug/l	100
52) Toluene	7.977	92	193068	51.03	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	136813	53.50	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	138138	50.81	ug/l	98
55) 1,1,2-Trichloroethane	8.411	97	79735	50.76	ug/l	99
56) Ethyl methacrylate	8.343	69	136167	50.57	ug/l	99
57) 1,3-Dichloropropane	8.584	76	139090	50.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	231002	218.17	ug/l	100
59) 2-Hexanone	8.697	43	699051	259.32	ug/l	98
60) Dibromochloromethane	8.819	129	96494	52.66	ug/l	100
61) 1,2-Dibromoethane	8.931	107	91538	51.23	ug/l	99
64) Tetrachloroethene	8.562	164	77053	49.08	ug/l	98
65) Chlorobenzene	9.456	112	207990	49.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	83308	52.36	ug/l	99
67) Ethyl Benzene	9.578	91	383758	51.10	ug/l	100
68) m/p-Xylenes	9.703	106	286496	103.13	ug/l	100
69) o-Xylene	10.108	106	138204	50.86	ug/l	99
70) Styrene	10.124	104	236816	52.31	ug/l	99
71) Bromoform	10.301	173	82486	53.80	ug/l #	98
73) Isopropylbenzene	10.494	105	381369	47.15	ug/l	100
74) N-amyl acetate	10.330	43	228391	49.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	148605	48.33	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	156389m	52.16	ug/l	
77) Bromobenzene	10.790	156	101747	47.01	ug/l	98
78) n-propylbenzene	10.915	91	460313	49.17	ug/l	100
79) 2-Chlorotoluene	10.996	91	268759	46.94	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	336281	48.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	52626	47.73	ug/l	97
82) 4-Chlorotoluene	11.105	91	321854	48.30	ug/l	100
83) tert-Butylbenzene	11.430	119	324772	48.30	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	338184	48.64	ug/l	100
85) sec-Butylbenzene	11.652	105	389950	49.23	ug/l	100
86) p-Isopropyltoluene	11.803	119	362104	49.52	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	183913	49.20	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	185466	48.48	ug/l	100
89) n-Butylbenzene	12.218	91	331618	51.62	ug/l	100
90) Hexachloroethane	12.484	117	64025	49.38	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	184690	48.52	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	42216	50.08	ug/l	98
93) 1,2,4-Trichlorobenzene	13.851	180	125586	47.29	ug/l	97
94) Hexachlorobutadiene	14.031	225	68439	51.53	ug/l	99
95) Naphthalene	14.095	128	376089	46.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	123025	47.37	ug/l	99

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

