

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042359.D
 Acq On : 19 Feb 2021 13:36
 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
 2/22/2021 12:33:51 PM

Quant Time: Feb 19 15:23:12 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	154818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	237578	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	224675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	122688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	122092	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
35) Dibromofluoromethane	5.298	113	86641	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	7.906	98	311301	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	10.642	95	121263	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	91762	49.15	ug/l	99
3) Chloromethane	1.523	50	90650	47.53	ug/l	96
4) Vinyl Chloride	1.607	62	86519	47.39	ug/l	97
5) Bromomethane	1.858	94	46579	41.42	ug/l	98
6) Chloroethane	1.932	64	53484	50.87	ug/l	100
7) Trichlorofluoromethane	2.141	101	138974	49.62	ug/l	99
8) Diethyl Ether	2.382	74	43712	49.08	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.587	101	71264	48.74	ug/l	99
10) Methyl Iodide	2.729	142	95937	45.94	ug/l	99
11) Tert butyl alcohol	3.205	59	127240	253.67	ug/l #	87
12) 1,1-Dichloroethene	2.584	96	67672	47.42	ug/l	96
13) Acrolein	2.491	56	59622	204.71	ug/l	98
14) Allyl chloride	2.928	41	155124	49.07	ug/l	99
15) Acrylonitrile	3.324	53	286591	236.58	ug/l	100
16) Acetone	2.636	43	322155	221.21	ug/l	100
17) Carbon Disulfide	2.800	76	205289	47.82	ug/l	99
18) Methyl Acetate	2.954	43	130291	49.26	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	266557	49.32	ug/l	98
20) Methylene Chloride	3.054	84	79542	47.38	ug/l	99
21) trans-1,2-Dichloroethene	3.362	96	76711	50.14	ug/l	98
22) Diisopropyl ether	4.002	45	301674	50.25	ug/l	95
23) Vinyl Acetate	3.964	43	1443483	253.08	ug/l	100
24) 1,1-Dichloroethane	3.880	63	152896	49.08	ug/l	99
25) 2-Butanone	4.713	43	458383	236.72	ug/l	98
26) 2,2-Dichloropropane	4.674	77	140570	49.73	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	88092	49.71	ug/l	98
28) Bromochloromethane	4.983	49	81456	50.61	ug/l	99
29) Tetrahydrofuran	5.060	42	283394	235.43	ug/l	100
30) Chloroform	5.099	83	160287	50.60	ug/l	95
31) Cyclohexane	5.398	56	143001	46.51	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	142012	49.25	ug/l	98
36) 1,1-Dichloropropene	5.536	75	115166	49.02	ug/l	99
37) Ethyl Acetate	4.812	43	167738	45.93	ug/l	99
38) Carbon Tetrachloride	5.533	117	124633	49.63	ug/l	98
39) Methylcyclohexane	6.771	83	133200	49.02	ug/l	99
40) Benzene	5.784	78	328341	49.72	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	91999	48.89	ug/l	99
42) 1,2-Dichloroethane	5.803	62	142934	49.65	ug/l	99
43) Isopropyl Acetate	5.919	43	257299	47.94	ug/l	99
44) Trichloroethene	6.552	130	86835	49.37	ug/l	98
45) 1,2-Dichloropropane	6.800	63	90428	49.36	ug/l	100
46) Dibromomethane	6.928	93	64457	50.44	ug/l	98
47) Bromodichloromethane	7.115	83	129197	51.55	ug/l	100
48) Methyl methacrylate	6.967	41	130488	49.16	ug/l	99
49) 1,4-Dioxane	6.996	88	49421	969.36	ug/l #	97
51) 4-Methyl-2-Pentanone	7.800	43	859826	236.70	ug/l	99
52) Toluene	7.976	92	206041	50.58	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	140733	51.11	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	145206	49.61	ug/l	94
55) 1,1,2-Trichloroethane	8.407	97	85196	50.38	ug/l	98
56) Ethyl methacrylate	8.340	69	142710	49.23	ug/l	100
57) 1,3-Dichloropropane	8.584	76	147599	49.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	249039	218.44	ug/l	100
59) 2-Hexanone	8.693	43	692606	238.64	ug/l	100
60) Dibromochloromethane	8.819	129	98936	50.15	ug/l	99
61) 1,2-Dibromoethane	8.931	107	95712	49.76	ug/l	99
64) Tetrachloroethene	8.562	164	82743	48.86	ug/l	97
65) Chlorobenzene	9.455	112	220743	49.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	86370	50.34	ug/l	99
67) Ethyl Benzene	9.578	91	408595	50.44	ug/l	100
68) m/p-Xylenes	9.703	106	301214	100.54	ug/l	100
69) o-Xylene	10.108	106	147523	50.33	ug/l	98
70) Styrene	10.121	104	247458	50.68	ug/l	99
71) Bromoform	10.301	173	83419	50.45	ug/l #	97
73) Isopropylbenzene	10.491	105	401342	49.04	ug/l	99
74) N-amyl acetate	10.327	43	230585	49.34	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	151147	48.58	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	161686m	53.30	ug/l	
77) Bromobenzene	10.790	156	105863	48.34	ug/l	99
78) n-propylbenzene	10.915	91	485486	51.25	ug/l	99
79) 2-Chlorotoluene	10.996	91	282940	48.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	353148	50.23	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	52078	46.67	ug/l	97
82) 4-Chlorotoluene	11.105	91	333325	49.44	ug/l	100
83) tert-Butylbenzene	11.430	119	342017	50.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	357262	50.78	ug/l	99
85) sec-Butylbenzene	11.651	105	408376	50.95	ug/l	100
86) p-Isopropyltoluene	11.803	119	375857	50.80	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	188923	49.94	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	191579	49.49	ug/l	99
89) n-Butylbenzene	12.217	91	347326	53.43	ug/l	99
90) Hexachloroethane	12.484	117	66879	50.97	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	192880	50.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	43382	50.86	ug/l	96
93) 1,2,4-Trichlorobenzene	13.847	180	135110	50.17	ug/l	98
94) Hexachlorobutadiene	14.031	225	72043	53.61	ug/l	99
95) Naphthalene	14.095	128	391970	47.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.339	180	131463	49.93	ug/l	99

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

