

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042866.D
 Acq On : 31 Mar 2021 18:35
 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
 4/2/2021 12:46:17 PM

Quant Time: Apr 01 04:45:33 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	135768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	216724	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	210298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	123358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98025	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
35) Dibromofluoromethane	5.298	113	68382	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
50) Toluene-d8	7.906	98	249117	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
62) 4-Bromofluorobenzene	10.639	95	103131	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	77040	48.28	ug/l	98
3) Chloromethane	1.523	50	74739	43.26	ug/l	100
4) Vinyl Chloride	1.607	62	76487	48.66	ug/l	100
5) Bromomethane	1.851	94	47834	50.50	ug/l	96
6) Chloroethane	1.935	64	46526	39.58	ug/l	99
7) Trichlorofluoromethane	2.141	101	119260	43.51	ug/l	96
8) Diethyl Ether	2.382	74	39885	46.69	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.588	101	61168	46.56	ug/l	98
10) Methyl Iodide	2.729	142	76795	43.35	ug/l	98
11) Tert butyl alcohol	3.189	59	104489	225.81	ug/l	98
12) 1,1-Dichloroethene	2.584	96	57493	46.69	ug/l	96
13) Acrolein	2.491	56	25442	158.65	ug/l	100
14) Allyl chloride	2.932	41	134443	49.97	ug/l	98
15) Acrylonitrile	3.321	53	265762	250.41	ug/l	99
16) Acetone	2.629	43	253607	227.93	ug/l	99
17) Carbon Disulfide	2.800	76	153081	43.93	ug/l	99
18) Methyl Acetate	2.954	43	141286	56.99	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	237613	50.85	ug/l	99
20) Methylene Chloride	3.054	84	70488	45.23	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	65437	47.36	ug/l	93
22) Diisopropyl ether	4.002	45	278079	51.35	ug/l	94
23) Vinyl Acetate	3.964	43	1267608	251.51	ug/l	100
24) 1,1-Dichloroethane	3.880	63	133293	47.21	ug/l	99
25) 2-Butanone	4.710	43	421398	239.23	ug/l	100
26) 2,2-Dichloropropane	4.674	77	114001	45.71	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	78306	49.51	ug/l	99
28) Bromochloromethane	4.983	49	71965	51.05	ug/l	98
29) Tetrahydrofuran	5.057	42	269892	247.66	ug/l	99
30) Chloroform	5.099	83	140344	47.02	ug/l	97
31) Cyclohexane	5.398	56	122191	45.35	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	123183	46.50	ug/l	98
36) 1,1-Dichloropropene	5.536	75	101623	47.41	ug/l	100
37) Ethyl Acetate	4.809	43	156694	47.09	ug/l	99
38) Carbon Tetrachloride	5.536	117	104830	42.84	ug/l	97
39) Methylcyclohexane	6.771	83	112607	45.86	ug/l	99
40) Benzene	5.784	78	285066	44.45	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	87270	50.06	ug/l	98
42) 1,2-Dichloroethane	5.803	62	128311	46.67	ug/l	100
43) Isopropyl Acetate	5.919	43	240016	47.91	ug/l	99
44) Trichloroethene	6.552	130	75955	46.07	ug/l	97
45) 1,2-Dichloropropane	6.800	63	80939	47.45	ug/l	97
46) Dibromomethane	6.928	93	55659	45.80	ug/l	98
47) Bromodichloromethane	7.115	83	111065	44.99	ug/l	97
48) Methyl methacrylate	6.967	41	119474	49.41	ug/l	100
49) 1,4-Dioxane	6.976	88	33546	679.30	ug/l #	94
51) 4-Methyl-2-Pentanone	7.800	43	840384	239.74	ug/l	99
52) Toluene	7.976	92	182926	46.66	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	126830	48.56	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	127874	46.78	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	75962	45.04	ug/l	96
56) Ethyl methacrylate	8.340	69	130881	50.78	ug/l	98
57) 1,3-Dichloropropane	8.584	76	135382	46.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	185352	227.61	ug/l	99
59) 2-Hexanone	8.690	43	671411	240.84	ug/l	99
60) Dibromochloromethane	8.819	129	87155	44.44	ug/l	100
61) 1,2-Dibromoethane	8.931	107	86926	45.32	ug/l	99
64) Tetrachloroethene	8.562	164	72742	42.84	ug/l	92
65) Chlorobenzene	9.455	112	200330	46.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	74800	43.97	ug/l	96
67) Ethyl Benzene	9.578	91	369881	48.23	ug/l	99
68) m/p-Xylenes	9.700	106	269833	95.47	ug/l	98
69) o-Xylene	10.108	106	130340	47.64	ug/l	98
70) Styrene	10.121	104	225221	48.74	ug/l	100
71) Bromoform	10.298	173	72763	45.10	ug/l #	98
73) Isopropylbenzene	10.491	105	362510	46.43	ug/l	99
74) N-amyl acetate	10.327	43	219218	49.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	135886	42.58	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	136804m	43.61	ug/l	
77) Bromobenzene	10.790	156	97219	45.25	ug/l	98
78) n-propylbenzene	10.912	91	444141	48.33	ug/l	99
79) 2-Chlorotoluene	10.992	91	254969	45.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	323775	47.80	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	46748	44.15	ug/l	99
82) 4-Chlorotoluene	11.102	91	310589	46.89	ug/l	100
83) tert-Butylbenzene	11.426	119	304873	46.20	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	329700	48.20	ug/l	98
85) sec-Butylbenzene	11.651	105	374344	48.80	ug/l	100
86) p-Isopropyltoluene	11.799	119	351372	50.05	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	179509	46.50	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	182196	45.95	ug/l	99
89) n-Butylbenzene	12.217	91	341899	51.62	ug/l	99
90) Hexachloroethane	12.481	117	57258	43.20	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	178082	45.30	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	41909	49.58	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	141118	56.32	ug/l	99
94) Hexachlorobutadiene	14.028	225	67414	45.99	ug/l	99
95) Naphthalene	14.095	128	453175	53.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	139313	54.92	ug/l	100

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

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