

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043624.D
 Acq On : 07 May 2021 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 3:35:48 PM

Quant Time: May 08 01:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	110517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	186672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	177911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	90645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	103836	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.298	113	69125	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	7.906	98	258979	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	10.639	95	97707	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	72176	46.86	ug/l	97
3) Chloromethane	1.523	50	90547	47.56	ug/l	99
4) Vinyl Chloride	1.607	62	81734	46.59	ug/l	99
5) Bromomethane	1.838	94	45759	46.34	ug/l	99
6) Chloroethane	1.925	64	51833	46.07	ug/l	96
7) Trichlorofluoromethane	2.134	101	113632	47.82	ug/l	98
8) Diethyl Ether	2.379	74	43768	50.81	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	64054	48.65	ug/l	99
10) Methyl Iodide	2.726	142	81502	50.46	ug/l	99
11) Tert butyl alcohol	3.189	59	134694	224.40	ug/l	99
12) 1,1-Dichloroethene	2.581	96	64143	50.13	ug/l	95
13) Acrolein	2.488	56	69940	265.04	ug/l	100
14) Allyl chloride	2.925	41	165613	51.66	ug/l	98
15) Acrylonitrile	3.317	53	281042	257.96	ug/l	99
16) Acetone	2.629	43	300754	242.19	ug/l	100
17) Carbon Disulfide	2.797	76	188035	46.35	ug/l	100
18) Methyl Acetate	2.951	43	149026	52.50	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	237158	53.90	ug/l	97
20) Methylene Chloride	3.051	84	80091	45.83	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	69909	50.25	ug/l	93
22) Diisopropyl ether	3.999	45	291506	53.01	ug/l	98
23) Vinyl Acetate	3.964	43	1503584	238.93	ug/l	100
24) 1,1-Dichloroethane	3.877	63	155511	48.92	ug/l	99
25) 2-Butanone	4.706	43	502568	262.50	ug/l	99
26) 2,2-Dichloropropane	4.671	77	108587	50.69	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	82768	51.57	ug/l	99
28) Bromochloromethane	4.980	49	76760	48.12	ug/l	98
29) Tetrahydrofuran	5.057	42	290575	267.27	ug/l	99
30) Chloroform	5.095	83	150340	48.92	ug/l	99
31) Cyclohexane	5.394	56	127199	47.64	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	129136	49.31	ug/l	99
36) 1,1-Dichloropropene	5.533	75	108277	51.09	ug/l	99
37) Ethyl Acetate	4.809	43	186826	52.05	ug/l	99
38) Carbon Tetrachloride	5.533	117	104832	48.80	ug/l	98
39) Methylcyclohexane	6.771	83	108935	53.20	ug/l	98
40) Benzene	5.780	78	323135	50.86	ug/l	99
41) Methacrylonitrile	4.980	41	101576	48.92	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.803	62	138809	49.76	ug/l	99
43) Isopropyl Acetate	5.919	43	280452	53.28	ug/l	100
44) Trichloroethene	6.549	130	76490	51.27	ug/l	100
45) 1,2-Dichloropropane	6.800	63	93021	49.69	ug/l	98
46) Dibromomethane	6.925	93	60335	51.13	ug/l	99
47) Bromodichloromethane	7.111	83	121423	50.82	ug/l	99
48) Methyl methacrylate	6.967	41	140235	53.02	ug/l	99
49) 1,4-Dioxane	6.967	88	43472	895.66	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	994821	232.28	ug/l	100
52) Toluene	7.976	92	191917	52.26	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	128411	46.88	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	136469	52.25	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	80828	50.50	ug/l	98
56) Ethyl methacrylate	8.340	69	143737	47.78	ug/l	99
57) 1,3-Dichloropropane	8.584	76	147436	51.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	296024	311.31	ug/l	99
59) 2-Hexanone	8.690	43	795145	228.30	ug/l	100
60) Dibromochloromethane	8.816	129	87274	51.26	ug/l	100
61) 1,2-Dibromoethane	8.931	107	88307	51.07	ug/l	99
64) Tetrachloroethene	8.558	164	71490	52.03	ug/l	97
65) Chlorobenzene	9.452	112	199181	50.75	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	75361	49.90	ug/l	98
67) Ethyl Benzene	9.578	91	380728	48.54	ug/l	98
68) m/p-Xylenes	9.700	106	275511	96.11	ug/l	98
69) o-Xylene	10.108	106	136006	48.54	ug/l	100
70) Styrene	10.121	104	233201	47.14	ug/l	100
71) Bromoform	10.298	173	70197	45.08	ug/l #	98
73) Isopropylbenzene	10.491	105	367545	56.57	ug/l	100
74) N-ethyl acetate	10.327	43	247680	51.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	153852	50.20	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	148015m	51.35	ug/l	
77) Bromobenzene	10.790	156	91021	54.42	ug/l	96
78) n-propylbenzene	10.912	91	447965	56.39	ug/l	99
79) 2-Chlorotoluene	10.992	91	267835	54.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	321655	52.47	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	47766	53.97	ug/l	93
82) 4-Chlorotoluene	11.102	91	313008	55.63	ug/l	100
83) tert-Butylbenzene	11.426	119	302468	55.99	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	324145	52.24	ug/l	100
85) sec-Butylbenzene	11.651	105	382433	51.81	ug/l	100
86) p-Isopropyltoluene	11.799	119	323975	51.04	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	163480	51.67	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	164556	50.15	ug/l	100
89) n-Butylbenzene	12.214	91	307290	49.28	ug/l	99
90) Hexachloroethane	12.481	117	48153	52.97	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	167154	51.16	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	41107	54.42	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	110481	52.02	ug/l	100
94) Hexachlorobutadiene	14.031	225	51015	50.45	ug/l	98
95) Naphthalene	14.092	128	415306	53.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	112660	53.19	ug/l	99

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