

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043067.D
 Acq On : 13 Apr 2021 21:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/14/2021 9:54:42 AM

Quant Time: Apr 14 03:55:52 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	129106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	203696	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	197652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	107984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100343	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
35) Dibromofluoromethane	5.298	113	68712	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
50) Toluene-d8	7.906	98	254505	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	10.639	95	97913	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	60665	45.54	ug/l	99
3) Chloromethane	1.523	50	65768	46.24	ug/l	98
4) Vinyl Chloride	1.607	62	69134	47.60	ug/l	99
5) Bromomethane	1.854	94	35005	44.22	ug/l	96
6) Chloroethane	1.932	64	50814	50.71	ug/l	98
7) Trichlorofluoromethane	2.141	101	119260	48.32	ug/l	99
8) Diethyl Ether	2.382	74	39007	49.35	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	60207	47.41	ug/l	99
10) Methyl Iodide	2.729	142	64591	38.59	ug/l	98
11) Tert butyl alcohol	3.208	59	137179m	245.24	ug/l	
12) 1,1-Dichloroethene	2.584	96	59321	49.08	ug/l	99
13) Acrolein	2.491	56	68716	199.27	ug/l	100
14) Allyl chloride	2.928	41	138696	47.29	ug/l	97
15) Acrylonitrile	3.321	53	296672	246.56	ug/l	99
16) Acetone	2.636	43	290780	227.63	ug/l	100
17) Carbon Disulfide	2.800	76	168992	45.46	ug/l	100
18) Methyl Acetate	2.954	43	135067	49.79	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	248822	52.10	ug/l	98
20) Methylene Chloride	3.054	84	70978	46.05	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	68297	48.37	ug/l	99
22) Diisopropyl ether	3.999	45	287817	51.30	ug/l	98
23) Vinyl Acetate	3.964	43	1400888	258.01	ug/l	100
24) 1,1-Dichloroethane	3.880	63	140639	49.57	ug/l	99
25) 2-Butanone	4.710	43	486634	246.82	ug/l	99
26) 2,2-Dichloropropane	4.674	77	117225	47.11	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	81307	50.61	ug/l	99
28) Bromochloromethane	4.983	49	70366	48.64	ug/l	96
29) Tetrahydrofuran	5.060	42	311584	250.98	ug/l	98
30) Chloroform	5.099	83	146282	48.69	ug/l	95
31) Cyclohexane	5.394	56	127817	47.74	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	127799	48.12	ug/l	98
36) 1,1-Dichloropropene	5.536	75	105657	48.89	ug/l	100
37) Ethyl Acetate	4.809	43	179841	48.67	ug/l	98
38) Carbon Tetrachloride	5.533	117	113721	49.08	ug/l	97
39) Methylcyclohexane	6.771	83	114689	48.27	ug/l	97
40) Benzene	5.783	78	299482	48.50	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	95537	49.18	ug/l	98
42) 1,2-Dichloroethane	5.803	62	138915	50.72	ug/l	99
43) Isopropyl Acetate	5.919	43	269007	51.05	ug/l	98
44) Trichloroethene	6.549	130	76466	48.82	ug/l	95
45) 1,2-Dichloropropane	6.800	63	84249	48.97	ug/l	99
46) Dibromomethane	6.925	93	60067	49.37	ug/l	97
47) Bromodichloromethane	7.111	83	119102	49.59	ug/l	98
48) Methyl methacrylate	6.967	41	135272	51.13	ug/l	96
49) 1,4-Dioxane	6.992	88	53063	1001.07	ug/l #	98
51) 4-Methyl-2-Pentanone	7.799	43	959082	246.00	ug/l	98
52) Toluene	7.976	92	192480	50.28	ug/l	97
53) t-1,3-Dichloropropene	8.217	75	135277	50.73	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	134081	49.51	ug/l	92
55) 1,1,2-Trichloroethane	8.407	97	83123	50.62	ug/l	97
56) Ethyl methacrylate	8.340	69	140070	52.08	ug/l	94
57) 1,3-Dichloropropane	8.581	76	141781	49.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	283012	253.05	ug/l	99
59) 2-Hexanone	8.693	43	781365	243.39	ug/l	99
60) Dibromochloromethane	8.819	129	97776	51.48	ug/l	100
61) 1,2-Dibromoethane	8.931	107	93953	50.72	ug/l	99
64) Tetrachloroethene	8.562	164	69069	48.16	ug/l	98
65) Chlorobenzene	9.452	112	209703	49.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	85231	52.60	ug/l	98
67) Ethyl Benzene	9.578	91	386896	50.58	ug/l	100
68) m/p-Xylenes	9.700	106	284180	100.41	ug/l	99
69) o-Xylene	10.108	106	136587	49.44	ug/l	97
70) Styrene	10.121	104	235604	50.65	ug/l	99
71) Bromoform	10.298	173	80511	48.22	ug/l #	96
73) Isopropylbenzene	10.491	105	382196	52.74	ug/l	99
74) N-amyl acetate	10.327	43	246500	52.94	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	152746	48.40	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	159743m	50.62	ug/l	
77) Bromobenzene	10.790	156	100864	49.96	ug/l	99
78) n-propylbenzene	10.912	91	449334	51.78	ug/l	100
79) 2-Chlorotoluene	10.992	91	266769	50.59	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	331581	51.83	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	50056	46.61	ug/l	95
82) 4-Chlorotoluene	11.102	91	317519	50.12	ug/l	99
83) tert-Butylbenzene	11.426	119	326423	51.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	338221	51.45	ug/l	98
85) sec-Butylbenzene	11.651	105	374739	50.84	ug/l	99
86) p-Isopropyltoluene	11.799	119	348179	51.31	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	178209	48.69	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	179292	46.96	ug/l	100
89) n-Butylbenzene	12.214	91	315398	49.63	ug/l	99
90) Hexachloroethane	12.481	117	61590	48.42	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	180439	48.25	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	45359	50.77	ug/l	98
93) 1,2,4-Trichlorobenzene	13.847	180	125751	50.83	ug/l	100
94) Hexachlorobutadiene	14.028	225	60865	49.18	ug/l	99
95) Naphthalene	14.092	128	414717	52.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	124105	51.71	ug/l	99

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

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