Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
Data File : VU042943.D
Acq On : 06 Apr 2021 10:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 01:38:45 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

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	129219	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	199340	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	195210	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	113613	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	99856	48.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.96%				
35) Dibromofluoromethane	5.298	113	70009	47.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.12%				
50) Toluene-d8	7.906	98	243628	46.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.10%				
62) 4-Bromofluorobenzene	10.639	95	103103	50.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	72409	47.68	ug/l		97
3) Chloromethane	1.523	50	71018	43.19	ug/l		98
4) Vinyl Chloride	1.607	62	68721	45.93	ug/l		97
5) Bromomethane	1.861	94	46983	52.39	ug/l		99
6) Chloroethane	1.935	64	49069	44.73	ug/l		100
7) Trichlorofluoromethane	2.141	101	120204	46.08	ug/l		96
8) Diethyl Ether	2.382	74	40333	49.61	ug/l		97
9) 1,1,2-Trichlorotrifluo...	2.588	101	63399	50.70	ug/l		97
10) Methyl Iodide	2.729	142	75578	44.82	ug/l		99
11) Tert butyl alcohol	3.224	59	130495	296.31	ug/l	#	89
12) 1,1-Dichloroethene	2.584	96	56548	48.25	ug/l		98
13) Acrolein	2.494	56	36812	243.43	ug/l		95
14) Allyl chloride	2.932	41	136376	53.26	ug/l		98
15) Acrylonitrile	3.324	53	292503	289.58	ug/l		100
16) Acetone	2.639	43	310176	296.89	ug/l		99
17) Carbon Disulfide	2.800	76	149319	45.02	ug/l		100
18) Methyl Acetate	2.954	43	160316	67.95	ug/l		99
19) Methyl tert-butyl Ether	3.372	73	254605	57.24	ug/l		99
20) Methylene Chloride	3.054	84	72003	48.55	ug/l		98
21) trans-1,2-Dichloroethene	3.363	96	63921	48.61	ug/l		98
22) Diisopropyl ether	3.999	45	286234	55.53	ug/l		91
23) Vinyl Acetate	3.964	43	1335387	278.39	ug/l		99
24) 1,1-Dichloroethane	3.877	63	139111	51.77	ug/l		99
25) 2-Butanone	4.713	43	485661	289.69	ug/l		99
26) 2,2-Dichloropropane	4.674	77	119760	50.46	ug/l		100
27) cis-1,2-Dichloroethene	4.678	96	77964	51.80	ug/l		96
28) Bromochloromethane	4.983	49	72483	54.03	ug/l	#	98
29) Tetrahydrofuran	5.060	42	303490	292.60	ug/l		98
30) Chloroform	5.099	83	148551	52.30	ug/l		97
31) Cyclohexane	5.398	56	122685	47.84	ug/l		97
32) 1,1,1-Trichloroethane	5.327	97	128912	51.13	ug/l		100
36) 1,1-Dichloropropene	5.536	75	100020	50.73	ug/l		99
37) Ethyl Acetate	4.813	43	171433	56.02	ug/l		99
38) Carbon Tetrachloride	5.533	117	111313	49.46	ug/l		99
39) Methylcyclohexane	6.771	83	113436	50.23	ug/l		98
40) Benzene	5.784	78	293835	49.82	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	95819	59.76	ug/l		98
42) 1,2-Dichloroethane	5.803	62	135500	53.58	ug/l		100
43) Isopropyl Acetate	5.919	43	260935	56.62	ug/l		100
44) Trichloroethene	6.549	130	75068	49.51	ug/l		96
45) 1,2-Dichloropropane	6.800	63	84133	53.62	ug/l		100
46) Dibromomethane	6.925	93	59614	53.33	ug/l		98
47) Bromodichloromethane	7.115	83	122172	53.80	ug/l		99
48) Methyl methacrylate	6.967	41	132142	59.41	ug/l		99
49) 1,4-Dioxane	7.002	88	46873	1051.47	ug/l	#	84
51) 4-Methyl-2-Pentanone	7.800	43	943907	292.76	ug/l		100
52) Toluene	7.977	92	190060	52.71	ug/l		99
53) t-1,3-Dichloropropene	8.218	75	137989	57.44	ug/l		97
54) cis-1,3-Dichloropropene	7.613	75	136061	54.12	ug/l		98
55) 1,1,2-Trichloroethane	8.407	97	83098	53.57	ug/l		94
56) Ethyl methacrylate	8.340	69	141575	59.72	ug/l		99
57) 1,3-Dichloropropane	8.581	76	140782	52.88	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	210534	274.85	ug/l		100
59) 2-Hexanone	8.694	43	774794	302.16	ug/l		100
60) Dibromochloromethane	8.819	129	98237	54.46	ug/l		97
61) 1,2-Dibromoethane	8.931	107	93318	52.89	ug/l		100
64) Tetrachloroethene	8.562	164	74070	47.00	ug/l		98
65) Chlorobenzene	9.452	112	204091	51.42	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	80396	50.92	ug/l		97
67) Ethyl Benzene	9.578	91	378270	53.14	ug/l		99
68) m/p-Xylenes	9.700	106	277876	105.91	ug/l		98
69) o-Xylene	10.108	106	135883	53.51	ug/l		97
70) Styrene	10.121	104	237798	55.44	ug/l		99
71) Bromoform	10.298	173	82274	54.93	ug/l	#	98
73) Isopropylbenzene	10.491	105	380461	52.90	ug/l		100
74) N-amyl acetate	10.327	43	242907	59.85	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	159858	54.38	ug/l		98
76) 1,2,3-Trichloropropane	10.832	75	154888m	53.61	ug/l		
77) Bromobenzene	10.790	156	99292	50.17	ug/l		98
78) n-propylbenzene	10.912	91	453076	53.53	ug/l		100
79) 2-Chlorotoluene	10.993	91	269803	52.83	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	339704	54.45	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.552	75	52999	54.35	ug/l		100
82) 4-Chlorotoluene	11.102	91	324265	53.16	ug/l		100
83) tert-Butylbenzene	11.427	119	324208	53.34	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	348398	55.30	ug/l		98
85) sec-Butylbenzene	11.652	105	386705	54.74	ug/l		100
86) p-Isopropyltoluene	11.800	119	354670	54.86	ug/l		99
87) 1,3-Dichlorobenzene	11.751	146	184921	52.01	ug/l		98
88) 1,4-Dichlorobenzene	11.841	146	189381	51.86	ug/l		100
89) n-Butylbenzene	12.214	91	333602	54.69	ug/l		99
90) Hexachloroethane	12.481	117	61904	50.71	ug/l		100
91) 1,2-Dichlorobenzene	12.221	146	187530	51.80	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	46402	59.61	ug/l		95
93) 1,2,4-Trichlorobenzene	13.848	180	130264	56.44	ug/l		99
94) Hexachlorobutadiene	14.028	225	65505	48.52	ug/l		98
95) Naphthalene	14.095	128	423667	54.74	ug/l		100
96) 1,2,3-Trichlorobenzene	14.336	180	129766	55.55	ug/l		99

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

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

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