Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
Data File : VU042773.D
Acq On : 25 Mar 2021 10:08
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 02:02:32 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	117760	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.259	114	176567	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.426	117	173388	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	102867	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	93516	49.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.64%				
35) Dibromofluoromethane	5.301	113	65525	49.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.46%				
50) Toluene-d8	7.906	98	233570	50.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.76%				
62) 4-Bromofluorobenzene	10.642	95	94200	52.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	66646	48.15	ug/l		98
3) Chloromethane	1.520	50	67428	45.00	ug/l		100
4) Vinyl Chloride	1.607	62	66229	48.58	ug/l		100
5) Bromomethane	1.861	94	47289	58.76	ug/l		98
6) Chloroethane	1.932	64	40178	39.38	ug/l		99
7) Trichlorofluoromethane	2.137	101	108885	45.80	ug/l		96
8) Diethyl Ether	2.382	74	35291	47.63	ug/l		97
9) 1,1,2-Trichlorotrifluo...	2.584	101	54242	47.60	ug/l		97
10) Methyl Iodide	2.729	142	67673	44.04	ug/l		100
11) Tert butyl alcohol	3.224	59	108794	271.07	ug/l	#	94
12) 1,1-Dichloroethene	2.584	96	50215	47.01	ug/l		95
13) Acrolein	2.494	56	37071	269.45	ug/l		97
14) Allyl chloride	2.928	41	114780	49.19	ug/l		98
15) Acrylonitrile	3.324	53	231307	251.28	ug/l		99
16) Acetone	2.642	43	247982	258.74	ug/l		100
17) Carbon Disulfide	2.800	76	144811	47.91	ug/l		100
18) Methyl Acetate	2.954	43	111716	51.96	ug/l		99
19) Methyl tert-butyl Ether	3.372	73	203433	50.19	ug/l		99
20) Methylene Chloride	3.054	84	60673	44.89	ug/l		99
21) trans-1,2-Dichloroethene	3.359	96	55455	46.28	ug/l		91
22) Diisopropyl ether	4.002	45	236165	50.28	ug/l		97
23) Vinyl Acetate	3.964	43	1102546	252.21	ug/l		100
24) 1,1-Dichloroethane	3.877	63	114469	46.75	ug/l		98
25) 2-Butanone	4.716	43	379227	248.21	ug/l		99
26) 2,2-Dichloropropane	4.674	77	103205	47.71	ug/l		98
27) cis-1,2-Dichloroethene	4.674	96	64949	47.35	ug/l		97
28) Bromochloromethane	4.983	49	61679	50.45	ug/l	#	98
29) Tetrahydrofuran	5.060	42	239085	252.94	ug/l		100
30) Chloroform	5.099	83	123300	47.63	ug/l		100
31) Cyclohexane	5.398	56	107048	45.80	ug/l		97
32) 1,1,1-Trichloroethane	5.327	97	108829	47.37	ug/l		98
36) 1,1-Dichloropropene	5.536	75	87818	50.29	ug/l		99
37) Ethyl Acetate	4.813	43	136249	50.26	ug/l		100
38) Carbon Tetrachloride	5.536	117	95682	48.00	ug/l		98
39) Methylcyclohexane	6.771	83	98686	49.33	ug/l		98
40) Benzene	5.784	78	246291	47.14	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	74224	52.26	ug/l		97
42) 1,2-Dichloroethane	5.806	62	110211	49.20	ug/l		98
43) Isopropyl Acetate	5.919	43	204294	50.05	ug/l		99
44) Trichloroethene	6.552	130	65517	48.78	ug/l		99
45) 1,2-Dichloropropane	6.800	63	68822	49.52	ug/l		95
46) Dibromomethane	6.928	93	49348	49.84	ug/l		97
47) Bromodichloromethane	7.115	83	98246	48.84	ug/l		98
48) Methyl methacrylate	6.970	41	104163	52.87	ug/l		99
49) 1,4-Dioxane	7.012	88	44154	1120.61	ug/l	#	82
51) 4-Methyl-2-Pentanone	7.803	43	734876	257.32	ug/l		99
52) Toluene	7.980	92	158072	49.49	ug/l		99
53) t-1,3-Dichloropropene	8.218	75	109505	51.46	ug/l		99
54) cis-1,3-Dichloropropene	7.616	75	112224	50.39	ug/l		98
55) 1,1,2-Trichloroethane	8.410	97	66768	48.59	ug/l		97
56) Ethyl methacrylate	8.343	69	111773	53.23	ug/l		99
57) 1,3-Dichloropropane	8.584	76	116300	49.32	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	156704	235.19	ug/l		100
59) 2-Hexanone	8.697	43	599908	264.14	ug/l		100
60) Dibromochloromethane	8.819	129	80143	50.16	ug/l		98
61) 1,2-Dibromoethane	8.931	107	77896	49.85	ug/l		97
64) Tetrachloroethene	8.562	164	72151	51.54	ug/l		97
65) Chlorobenzene	9.455	112	170929	48.49	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	68754	49.02	ug/l		99
67) Ethyl Benzene	9.578	91	315443	49.89	ug/l		100
68) m/p-Xylenes	9.703	106	236321	101.41	ug/l		98
69) o-Xylene	10.108	106	112881	50.04	ug/l		97
70) Styrene	10.124	104	198429	52.09	ug/l		100
71) Bromoform	10.301	173	68072	51.17	ug/l	#	99
73) Isopropylbenzene	10.494	105	317737	48.80	ug/l		100
74) N-amyl acetate	10.330	43	193059	52.54	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.793	83	121991	45.84	ug/l		99
76) 1,2,3-Trichloropropane	10.835	75	126034m	48.18	ug/l		
77) Bromobenzene	10.790	156	86014	48.00	ug/l		99
78) n-propylbenzene	10.915	91	390436	50.95	ug/l		100
79) 2-Chlorotoluene	10.996	91	228131	49.33	ug/l		100
80) 1,3,5-Trimethylbenzene	11.095	105	289169	51.19	ug/l		100
81) trans-1,4-Dichloro-2-b...	10.555	75	42165	47.75	ug/l		96
82) 4-Chlorotoluene	11.105	91	279729	50.65	ug/l		99
83) tert-Butylbenzene	11.430	119	261693	47.55	ug/l		97
84) 1,2,4-Trimethylbenzene	11.478	105	294910	51.70	ug/l		99
85) sec-Butylbenzene	11.651	105	333928	52.20	ug/l		98
86) p-Isopropyltoluene	11.803	119	311782	53.26	ug/l		99
87) 1,3-Dichlorobenzene	11.754	146	158814	49.33	ug/l		99
88) 1,4-Dichlorobenzene	11.844	146	162105	49.03	ug/l		100
89) n-Butylbenzene	12.217	91	293984	53.23	ug/l		100
90) Hexachloroethane	12.484	117	53917	48.78	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	163835	49.98	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.008	75	35680	50.62	ug/l		99
93) 1,2,4-Trichlorobenzene	13.851	180	111643	53.43	ug/l		100
94) Hexachlorobutadiene	14.031	225	58980	48.26	ug/l		99
95) Naphthalene	14.095	128	339385	48.73	ug/l		100
96) 1,2,3-Trichlorobenzene	14.339	180	111818	52.87	ug/l		98

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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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