Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119475.D
Acq On : 20 Mar 2020 16:42
Operator : CG/JU
Sample : L1749-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-031920MS

Manual Integrations APPROVED
mohammad
3/23/2020 9:40:47 AM

Quant Time: Mar 23 04:34:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	292853	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1149691	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	604628	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1106725	20.00	ng		0.00
76) Chrysene-d12	14.03	240	573523	20.00	ng		0.00
87) Perylene-d12	15.50	264	618846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2204814	119.85	ng		0.02
7) Phenol-d6	6.48	99	2662971	113.32	ng		0.00
23) Nitrobenzene-d5	7.42	82	1927940	91.14	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	858676	137.66	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3440415	84.30	ng		0.00
79) Terphenyl-d14	12.97	244	3630909	124.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	336413	37.026	ng	#	82
3) Pyridine	3.47	79	635300	25.381	ng		97
4) n-Nitrosodimethylamine	3.41	42	508113	41.626	ng		96
6) Aniline	6.52	93	541104	16.683	ng		96
8) 2-Chlorophenol	6.64	128	970817	50.246	ng		99
9) Benzaldehyde	6.40	77	632042	42.397	ng		99
10) Phenol	6.49	94	1023572m	40.820	ng		
11) bis(2-Chloroethyl)ether	6.59	93	961864	47.962	ng		98
12) 1,3-Dichlorobenzene	6.79	146	928756	44.413	ng		100
13) 1,4-Dichlorobenzene	6.87	146	941655	45.019	ng		98
14) 1,2-Dichlorobenzene	7.02	146	886075	45.321	ng		97
15) Benzyl Alcohol	6.99	79	853228	48.267	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1779897	44.000	ng		97
17) 2-Methylphenol	7.10	107	776306	43.852	ng		99
18) Hexachloroethane	7.37	117	351272	45.826	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	683250	48.236	ng		96
20) 3+4-Methylphenols	7.26	107	912786	42.072	ng	#	79
22) Acetophenone	7.26	105	1268919	46.190	ng		95
24) Nitrobenzene	7.43	77	1016626	44.969	ng		98
25) Isophorone	7.67	82	1924827	44.855	ng		99
26) 2-Nitrophenol	7.75	139	510978	57.404	ng		99
27) 2,4-Dimethylphenol	7.79	122	906303	49.240	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1200294	47.302	ng		98
29) 2,4-Dichlorophenol	7.99	162	801131	47.371	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	856147	45.776	ng		99
31) Naphthalene	8.16	128	2704589	45.713	ng		100
32) Benzoic acid	7.90	122	536782	45.338	ng		99
33) 4-Chloroaniline	8.20	127	238093	8.782	ng		97
34) Hexachlorobutadiene	8.28	225	471977	45.103	ng		99
35) Caprolactam	8.57	113	195939m	35.401	ng		
36) 4-Chloro-3-methylphenol	8.69	107	874419	47.307	ng		99
37) 2-Methylnaphthalene	8.86	142	1858012	47.851	ng		98
38) 1-Methylnaphthalene	8.95	142	1735575	47.223	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	789267	44.536	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	705422	70.015 ng	98
43) 2,4,6-Trichlorophenol	9.13	196	607859	47.930 ng	98
44) 2,4,5-Trichlorophenol	9.17	196	624065	43.926 ng	100
46) 1,1'-Biphenyl	9.32	154	2207413	44.826 ng	98
47) 2-Chloronaphthalene	9.35	162	1706710	44.246 ng	99
48) 2-Nitroaniline	9.43	65	645676	48.496 ng	98
49) Acenaphthylene	9.76	152	2715123	44.823 ng	99
50) Dimethylphthalate	9.62	163	2295974	53.461 ng	98
51) 2,6-Dinitrotoluene	9.68	165	461019	50.081 ng	93
52) Acenaphthene	9.93	154	1810033	47.932 ng	98
53) 3-Nitroaniline	9.85	138	178731	15.379 ng	91
54) 2,4-Dinitrophenol	9.95	184	353522	87.957 ng	91
55) Dibenzofuran	10.10	168	2446733	45.191 ng	99
56) 4-Nitrophenol	10.01	139	739069	80.614 ng	96
57) 2,4-Dinitrotoluene	10.09	165	614704	53.008 ng	95
58) Fluorene	10.45	166	1842377	46.016 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	520892	49.050 ng	99
60) Diethylphthalate	10.32	149	2084897	47.831 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	897452	45.838 ng	99
62) 4-Nitroaniline	10.46	138	446850	40.096 ng	99
63) Azobenzene	10.60	77	2008683	45.762 ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	256537	55.279 ng	95
66) n-Nitrosodiphenylamine	10.56	169	1744060	48.003 ng	98
67) 4-Bromophenyl-phenylether	10.93	248	583932	46.328 ng	93
68) Hexachlorobenzene	11.00	284	618881	47.975 ng	97
69) Atrazine	11.09	200	522065	52.414 ng	99
70) Pentachlorophenol	11.19	266	682670	90.252 ng	98
71) Phenanthrene	11.42	178	2645286	46.096 ng	100
72) Anthracene	11.46	178	2755713	47.248 ng	99
73) Carbazole	11.62	167	2562615	44.390 ng	98
74) Di-n-butylphthalate	11.95	149	3135683	50.776 ng	98
75) Fluoranthene	12.60	202	2702220	43.510 ng	99
77) Benzidine	12.72	184	1060459	43.691 ng	97
78) Pyrene	12.83	202	2696040	57.279 ng	99
80) Butylbenzylphthalate	13.45	149	1280376	67.257 ng	98
81) Benzo(a)anthracene	14.02	228	1857997	49.819 ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	450752	30.653 ng	98
83) Chrysene	14.06	228	1892327	49.164 ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1551276	68.357 ng	99
85) Di-n-octyl phthalate	14.63	149	2552864	63.963 ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	2287269	63.097 ng	98
88) Benzo(b)fluoranthene	15.07	252	1931896	46.733 ng	98
89) Benzo(k)fluoranthene	15.10	252	1717991	43.645 ng	99
90) Benzo(a)pyrene	15.44	252	1739177	46.294 ng	98
91) Dibenzo(a,h)anthracene	17.00	278	1869800	56.903 ng	98
92) Benzo(g,h,i)perylene	17.43	276	1988132	60.225 ng	97

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

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