Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120795.D
Acq On : 7 Jul 2020 18:55
Operator : JU/CG
Sample : L3202-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-COMPMS

Quant Time: Jul 08 03:15:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149560	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	562026	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	282597	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	513148	20.00	ng		0.00
76) Chrysene-d12	14.01	240	352435	20.00	ng		0.00
86) Perylene-d12	15.47	264	283593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1183556	122.16	ng		0.02
7) Phenol-d6	6.48	99	1306629	105.60	ng		0.00
23) Nitrobenzene-d5	7.42	82	1056195	108.88	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	444852	156.69	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1770337	94.78	ng		0.00
79) Terphenyl-d14	12.96	244	1992974	110.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	190799	43.111	ng		99
3) Pyridine	3.43	79	435078	35.890	ng		100
4) n-Nitrosodimethylamine	3.37	42	291267	48.028	ng		98
6) Aniline	6.51	93	505460	31.809	ng		99
8) 2-Chlorophenol	6.63	128	512715	49.705	ng		99
9) Benzaldehyde	6.40	77	88049	11.965	ng		98
10) Phenol	6.49	94	523188	41.105	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	518458	50.057	ng		99
12) 1,3-Dichlorobenzene	6.79	146	538264	47.407	ng		98
13) 1,4-Dichlorobenzene	6.87	146	548401	48.224	ng		98
14) 1,2-Dichlorobenzene	7.02	146	506934	46.854	ng		99
15) Benzyl Alcohol	6.99	79	435921	46.892	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	759059	46.986	ng		100
17) 2-Methylphenol	7.10	107	405478	43.940	ng		99
18) Hexachloroethane	7.36	117	208854	48.864	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	366725	49.226	ng		98
20) 3+4-Methylphenols	7.26	107	475742	41.858	ng	#	82
22) Acetophenone	7.26	105	684725	49.014	ng	#	96
24) Nitrobenzene	7.43	77	568253	52.173	ng		99
25) Isophorone	7.67	82	1033666	49.410	ng		99
26) 2-Nitrophenol	7.75	139	249072	53.867	ng		91
27) 2,4-Dimethylphenol	7.79	122	430631	51.566	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	642859	51.921	ng		100
29) 2,4-Dichlorophenol	7.99	162	418778	50.232	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	460550	49.184	ng		98
31) Naphthalene	8.16	128	1470975	48.974	ng		99
32) Benzoic acid	7.90	122	254925	43.596	ng		95
33) 4-Chloroaniline	8.20	127	282755	22.185	ng		96
34) Hexachlorobutadiene	8.27	225	263284	46.751	ng		100
35) Caprolactam	8.57	113	94725m	38.994	ng		
36) 4-Chloro-3-methylphenol	8.68	107	446422	51.477	ng		97
37) 2-Methylnaphthalene	8.85	142	1000828	51.258	ng		99
38) 1-Methylnaphthalene	8.95	142	944010	51.615	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	425985	49.877	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	445229	88.231 ng		99
43) 2,4,6-Trichlorophenol	9.12	196	302889	52.045 ng		96
44) 2,4,5-Trichlorophenol	9.16	196	320329	49.597 ng		98
46) 1,1'-Biphenyl	9.31	154	1164067	51.067 ng		99
47) 2-Chloronaphthalene	9.33	162	915899	50.154 ng		99
48) 2-Nitroaniline	9.43	65	297693	54.090 ng		97
49) Acenaphthylene	9.75	152	1435407	50.135 ng		99
50) Dimethylphthalate	9.62	163	1172926	56.897 ng		99
51) 2,6-Dinitrotoluene	9.67	165	225753	54.765 ng		88
52) Acenaphthene	9.92	154	952293	53.614 ng		97
53) 3-Nitroaniline	9.84	138	153096	31.257 ng		95
54) 2,4-Dinitrophenol	9.95	184	144521	88.511 ng		95
55) Dibenzofuran	10.10	168	1291072	50.426 ng		98
56) 4-Nitrophenol	10.00	139	326389	86.167 ng		100
57) 2,4-Dinitrotoluene	10.07	165	300274	58.144 ng		92
58) Fluorene	10.44	166	934782	49.052 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	258457m	53.775 ng		
60) Diethylphthalate	10.32	149	1094099	50.948 ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	455986	47.597 ng		99
62) 4-Nitroaniline	10.46	138	230423	52.608 ng		97
63) Azobenzene	10.59	77	1098491	50.005 ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	106858	49.298 ng		91
66) n-Nitrosodiphenylamine	10.55	169	900755	52.371 ng		98
67) 4-Bromophenyl-phenylether	10.92	248	294108	49.409 ng		99
68) Hexachlorobenzene	10.99	284	324282	51.916 ng	#	92
69) Atrazine	11.07	200	248993	56.194 ng		98
70) Pentachlorophenol	11.17	266	371099	105.008 ng		99
71) Phenanthrene	11.40	178	1416677	50.881 ng		99
72) Anthracene	11.45	178	1445830	51.388 ng		99
73) Carbazole	11.60	167	1336239	49.422 ng		99
74) Di-n-butylphthalate	11.94	149	1681006	50.218 ng		99
75) Fluoranthene	12.59	202	1509027	50.877 ng		100
77) Benzidine	12.70	184	539955	54.279 ng		99
78) Pyrene	12.82	202	1496227	53.157 ng		100
80) Butylbenzylphthalate	13.44	149	691319	56.888 ng		99
81) Benzo(a)anthracene	14.00	228	1116768	49.433 ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	355455	46.624 ng	#	98
83) Chrysene	14.04	228	1176836	51.069 ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	845187	53.037 ng	#	99
85) Di-n-octyl phthalate	14.61	149	1572325	55.772 ng		99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1142863	62.829 ng		100
88) Benzo(b)fluoranthene	15.05	252	1052108	56.431 ng		99
89) Benzo(k)fluoranthene	15.08	252	999926	55.117 ng		99
90) Benzo(a)pyrene	15.41	252	898232	54.008 ng		98
91) Dibenzo(a,h)anthracene	16.95	278	968503	63.882 ng		98
92) Benzo(g,h,i)perylene	17.37	276	894670	64.569 ng		98

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

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