Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120804.D
Acq On : 8 Jul 2020 1:01
Operator : JU/CG
Sample : PB130002BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130002BS

Quant Time: Jul 08 03:40:24 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	153974	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	591110	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	300057	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	542378	20.00	ng		0.00
76) Chrysene-d12	14.01	240	410260	20.00	ng		0.00
86) Perylene-d12	15.47	264	320595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1164008	116.70	ng		0.01
7) Phenol-d6	6.48	99	1413948	111.00	ng		0.00
23) Nitrobenzene-d5	7.41	82	906766	88.88	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	374077	124.09	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1585685	79.95	ng		0.00
79) Terphenyl-d14	12.96	244	1706111	81.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	174513	38.301	ng		99
3) Pyridine	3.40	79	487452	39.057	ng		97
4) n-Nitrosodimethylamine	3.36	42	264349	42.340	ng	#	99
6) Aniline	6.51	93	559382	34.194	ng		99
8) 2-Chlorophenol	6.63	128	459867	43.303	ng		98
9) Benzaldehyde	6.39	77	162932	21.507	ng		97
10) Phenol	6.49	94	588838	44.937	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	443556	41.598	ng		98
12) 1,3-Dichlorobenzene	6.79	146	477607	40.859	ng		98
13) 1,4-Dichlorobenzene	6.87	146	485350	41.456	ng		99
14) 1,2-Dichlorobenzene	7.02	146	458906	41.199	ng		99
15) Benzyl Alcohol	6.99	79	383411	40.061	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	656162	39.452	ng		99
17) 2-Methylphenol	7.10	107	371811	39.137	ng		99
18) Hexachloroethane	7.36	117	186364	42.352	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	314590	41.017	ng		99
20) 3+4-Methylphenols	7.25	107	449872	38.447	ng		93
22) Acetophenone	7.26	105	602940	41.036	ng	#	91
24) Nitrobenzene	7.43	77	490551	42.823	ng		95
25) Isophorone	7.67	82	874156	39.730	ng		98
26) 2-Nitrophenol	7.75	139	207430	43.480	ng		97
27) 2,4-Dimethylphenol	7.78	122	381338	43.417	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	550501	42.274	ng		99
29) 2,4-Dichlorophenol	7.99	162	364604	41.582	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	407834	41.411	ng		98
31) Naphthalene	8.16	128	1312777	41.556	ng		100
32) Benzoic acid	7.89	122	174606	29.865	ng		97
33) 4-Chloroaniline	8.20	127	281526	21.001	ng		97
34) Hexachlorobutadiene	8.27	225	235631	39.782	ng		100
35) Caprolactam	8.57	113	107310m	42.001	ng		
36) 4-Chloro-3-methylphenol	8.68	107	389366	42.689	ng		96
37) 2-Methylnaphthalene	8.85	142	861653	41.958	ng		100
38) 1-Methylnaphthalene	8.95	142	814808	42.359	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	369986	40.799	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	416486	77.732	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	256634	41.531	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	273325	39.857	ng		95
46) 1,1'-Biphenyl	9.31	154	1004243	41.492	ng		99
47) 2-Chloronaphthalene	9.33	162	795240	41.013	ng		99
48) 2-Nitroaniline	9.43	65	253693	43.930	ng		100
49) Acenaphthylene	9.75	152	1244256	40.930	ng		100
50) Dimethylphthalate	9.61	163	905148	41.353	ng		99
51) 2,6-Dinitrotoluene	9.67	165	194358	44.836	ng		96
52) Acenaphthene	9.92	154	769096	40.781	ng		97
53) 3-Nitroaniline	9.83	138	148072	28.665	ng		99
54) 2,4-Dinitrophenol	9.94	184	48731	34.613	ng		98
55) Dibenzofuran	10.09	168	1136922	41.822	ng		98
56) 4-Nitrophenol	10.00	139	338415	84.192	ng		92
57) 2,4-Dinitrotoluene	10.07	165	257617	47.572	ng		84
58) Fluorene	10.44	166	840247	41.526	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	227406m	44.562	ng		
60) Diethylphthalate	10.32	149	937550	41.118	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	404319	39.748	ng		98
62) 4-Nitroaniline	10.45	138	212219	45.632	ng		97
63) Azobenzene	10.59	77	950554	40.753	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	56500	28.163	ng		99
66) n-Nitrosodiphenylamine	10.55	169	783572	43.103	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	260178	41.353	ng		97
68) Hexachlorobenzene	10.98	284	289261	43.813	ng		96
69) Atrazine	11.07	200	218990	46.759	ng		99
70) Pentachlorophenol	11.17	266	290003	77.638	ng		99
71) Phenanthrene	11.40	178	1240868	42.165	ng		99
72) Anthracene	11.45	178	1287171	43.284	ng		100
73) Carbazole	11.60	167	1191675	41.700	ng		100
74) Di-n-butylphthalate	11.94	149	1472490	41.619	ng		100
75) Fluoranthene	12.59	202	1357517	43.302	ng		99
77) Benzidine	12.70	184	581457	50.212	ng		98
78) Pyrene	12.82	202	1363002	41.598	ng		100
80) Butylbenzylphthalate	13.43	149	614786	43.460	ng		96
81) Benzo(a)anthracene	14.00	228	1054680	40.104	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	255680	28.810	ng	#	97
83) Chrysene	14.04	228	1137649	42.410	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	774124	41.731	ng	#	98
85) Di-n-octyl phthalate	14.61	149	1448220	44.129	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	946734	46.040	ng		100
88) Benzo(b)fluoranthene	15.04	252	995427	47.229	ng		99
89) Benzo(k)fluoranthene	15.08	252	927945	45.246	ng		99
90) Benzo(a)pyrene	15.41	252	820557	43.643	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	806068	47.031	ng		99
92) Benzo(g,h,i)perylene	17.36	276	739365	47.202	ng		99

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

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