Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090644.D
Acq On : 19 Oct 2016 13:41
Operator : UM/SJ
Sample : PB94156BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Manual Integrations APPROVED
Sohil
10/20/2016 10:36:44 AM

Quant Time: Oct 19 15:20:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	252773	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1096791	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	594216	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	999595	20.00	ng		0.00
75) Chrysene-d12	14.06	240	877431	20.00	ng		0.00
86) Perylene-d12	15.52	264	619213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1494390	108.38	ng		0.01
7) Phenol-d6	6.53	99	2083368	101.69	ng		0.00
23) Nitrobenzene-d5	7.46	82	1360642	68.91	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	537544	101.47	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2189526	60.71	ng		-0.01
78) Terphenyl-d14	13.01	244	2408209	63.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	230733	29.36	ng		95
3) Pyridine	3.32	79	663605m	37.68	ng		
4) n-Nitrosodimethylamine	3.26	42	241073	39.70	ng		84
6) Aniline	6.55	93	663247	26.79	ng		96
8) 2-Chlorophenol	6.68	128	666738	37.29	ng		86
9) Benzaldehyde	6.43	77	155142	11.91	ng		91
10) Phenol	6.54	94	737497	31.47	ng		88
11) bis(2-Chloroethyl)ether	6.62	93	652761	33.76	ng		95
12) 1,3-Dichlorobenzene	6.83	146	623673	34.98	ng		99
13) 1,4-Dichlorobenzene	6.91	146	649763	33.51	ng		99
14) 1,2-Dichlorobenzene	7.06	146	591797	32.64	ng		97
15) Benzyl Alcohol	7.03	79	555651	39.82	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	964335	35.44	ng		89
17) 2-Methylphenol	7.15	107	497556	35.71	ng		99
18) Hexachloroethane	7.40	117	246708	32.19	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	506076	36.03	ng	#	93
20) 3+4-Methylphenols	7.31	107	659494	39.04	ng	#	72
22) Acetophenone	7.30	105	856761	35.36	ng	#	94
24) Nitrobenzene	7.48	77	700100	34.55	ng	#	83
25) Isophorone	7.72	82	1364669	37.98	ng	#	94
26) 2-Nitrophenol	7.79	139	313951	34.15	ng		97
27) 2,4-Dimethylphenol	7.83	122	591064	38.75	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	766828	36.14	ng		99
29) 2,4-Dichlorophenol	8.04	162	506110	37.88	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	535887	34.24	ng		99
31) Naphthalene	8.20	128	1773540	31.74	ng		99
32) Benzoic acid	7.98	122	322161	34.38	ng		92
33) 4-Chloroaniline	8.25	127	345676	16.19	ng		97
34) Hexachlorobutadiene	8.31	225	264220	30.22	ng		99
35) Caprolactam	8.63	113	153924m	41.28	ng		
36) 4-Chloro-3-methylphenol	8.74	107	508585	32.99	ng		88
37) 2-Methylnaphthalene	8.89	142	1054895	32.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	491924	31.22	ng		99
40) Hexachlorocyclopentadiene	9.05	237	601501	78.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	346917	39.04	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	350082	33.02	ng	#	87
45) 1,1'-Biphenyl	9.35	154	1282983	28.37	ng		100
46) 2-Chloronaphthalene	9.38	162	1010802	29.98	ng		100
47) 2-Nitroaniline	9.48	65	345707	28.28	ng		93
48) Acenaphthylene	9.80	152	1706773	31.79	ng		99
49) Dimethylphthalate	9.66	163	1278925	33.17	ng	#	99
50) 2,6-Dinitrotoluene	9.72	165	272427	32.29	ng		91
51) Acenaphthene	9.97	154	1154466	32.35	ng		100
52) 3-Nitroaniline	9.89	138	203210	19.20	ng		95
53) 2,4-Dinitrophenol	9.99	184	243829	55.14	ng	#	74
54) Dibenzofuran	10.14	168	1507142	32.11	ng		98
55) 4-Nitrophenol	10.06	139	403116	63.28	ng		86
56) 2,4-Dinitrotoluene	10.12	165	370229	32.31	ng	#	89
57) Fluorene	10.49	166	1205360	31.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	295187	33.43	ng		96
59) Diethylphthalate	10.36	149	1241960	31.76	ng		96
60) 4-Chlorophenyl-phenylether	10.47	204	561534	30.76	ng		95
61) 4-Nitroaniline	10.51	138	273516	25.77	ng		94
62) Azobenzene	10.63	77	1288227	28.48	ng		99
64) 4,6-Dinitro-2-methylphenol	10.53	198	176028	29.10	ng		73
65) n-Nitrosodiphenylamine	10.60	169	1051221	31.84	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	347957	32.44	ng	#	92
67) Hexachlorobenzene	11.03	284	406537	34.91	ng	#	74
68) Atrazine	11.13	200	302897	33.17	ng		99
69) Pentachlorophenol	11.23	266	425582	73.74	ng		97
70) Phenanthrene	11.45	178	1596084	29.91	ng		99
71) Anthracene	11.50	178	1873264	32.62	ng		100
72) Carbazole	11.65	167	1443472	28.08	ng		99
73) Di-n-butylphthalate	11.98	149	1850489	30.73	ng	#	98
74) Fluoranthene	12.64	202	1714520	31.95	ng		96
76) Benzidine	12.76	184	181816m	8.33	ng		
77) Pyrene	12.86	202	1709087	29.41	ng		99
79) Butylbenzylphthalate	13.48	149	840726	32.65	ng		94
80) Benzo(a)anthracene	14.05	228	1694153	33.92	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	441255	25.86	ng	#	98
82) Chrysene	14.10	228	1721163	35.76	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1342458	38.65	ng	#	97
84) Di-n-octyl phthalate	14.66	149	2246924	48.24	ng		96
85) Indeno(1,2,3-cd)pyrene	16.96	276	1050567	37.75	ng		98
87) Benzo(b)fluoranthene	15.09	252	1616475m	39.89	ng		
88) Benzo(k)fluoranthene	15.13	252	1108727m	25.43	ng		
89) Benzo(a)pyrene	15.46	252	1203600	32.45	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	894692	31.63	ng		97
91) Benzo(g,h,i)perylene	17.39	276	831724	30.83	ng		99

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

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