Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090672.D
Acq On : 20 Oct 2016 3:54
Operator : UM/SJ
Sample : PB94170BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94170BS

Manual Integrations APPROVED
Sohil
10/20/2016 10:37:07 AM

Quant Time: Oct 20 06:45:28 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	228111	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1023822	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	518496	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	784757	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	539143	20.00	ng		-0.01
86) Perylene-d12	15.50	264	479998	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	873695	70.22	ng		0.00
7) Phenol-d6	6.52	99	1179879	63.81	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1197671	64.98	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	228509	49.43	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1892719	60.15	ng		-0.01
78) Terphenyl-d14	13.00	244	1484737	64.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	208466	29.40	ng		97
3) Pyridine	3.31	79	495836	31.19	ng		92
4) n-Nitrosodimethylamine	3.26	42	191289	35.77	ng		85
6) Aniline	6.54	93	493760	22.10	ng	#	77
8) 2-Chlorophenol	6.67	128	548706	34.01	ng		96
9) Benzaldehyde	6.43	77	123803	10.53	ng		93
10) Phenol	6.53	94	656440	31.04	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	584577	33.51	ng		96
12) 1,3-Dichlorobenzene	6.83	146	524048	32.57	ng		97
13) 1,4-Dichlorobenzene	6.90	146	540845m	30.91	ng		
14) 1,2-Dichlorobenzene	7.06	146	572481	34.99	ng		99
15) Benzyl Alcohol	7.03	79	470973	37.40	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	879042	35.80	ng		92
17) 2-Methylphenol	7.15	107	452682	36.00	ng		97
18) Hexachloroethane	7.40	117	223653	32.34	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	443488	34.98	ng		98
20) 3+4-Methylphenols	7.30	107	535929	35.16	ng		95
22) Acetophenone	7.30	105	741846	32.80	ng		95
24) Nitrobenzene	7.47	77	600593	31.75	ng		96
25) Isophorone	7.71	82	1139166	33.96	ng		98
26) 2-Nitrophenol	7.79	139	252379	29.41	ng		97
27) 2,4-Dimethylphenol	7.83	122	480741	33.76	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	685804	34.62	ng		99
29) 2,4-Dichlorophenol	8.03	162	380537	30.51	ng		89
30) 1,2,4-Trichlorobenzene	8.12	180	434566	29.75	ng		99
31) Naphthalene	8.20	128	1559935	29.91	ng		99
32) Benzoic acid	7.93	122	121792	13.93	ng		98
33) 4-Chloroaniline	8.25	127	320417	16.07	ng		97
34) Hexachlorobutadiene	8.31	225	241538	29.59	ng		100
35) Caprolactam	8.61	113	119174	34.24	ng	#	84
36) 4-Chloro-3-methylphenol	8.74	107	450077	31.27	ng	#	79
37) 2-Methylnaphthalene	8.89	142	954822	31.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	443079	32.23	ng		99
40) Hexachlorocyclopentadiene	9.05	237	327772	48.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	262377	33.84	ng		100
43) 2,4,5-Trichlorophenol	9.22	196	242123	26.17	ng	#	83
45) 1,1'-Biphenyl	9.35	154	1242081	31.48	ng		98
46) 2-Chloronaphthalene	9.38	162	938460	31.90	ng		99
47) 2-Nitroaniline	9.48	65	333889	31.31	ng		88
48) Acenaphthylene	9.79	152	1354339	28.91	ng		100
49) Dimethylphthalate	9.65	163	983758	29.24	ng		100
50) 2,6-Dinitrotoluene	9.72	165	232245	31.55	ng		94
51) Acenaphthene	9.96	154	842209	27.05	ng		99
52) 3-Nitroaniline	9.89	138	196889	21.32	ng		94
53) 2,4-Dinitrophenol	9.99	184	46568	16.50	ng		87
54) Dibenzofuran	10.13	168	1221195	29.82	ng		90
55) 4-Nitrophenol	10.05	139	248632	44.73	ng		97
56) 2,4-Dinitrotoluene	10.12	165	316563	31.66	ng		98
57) Fluorene	10.47	166	974266	28.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	199287	25.87	ng		98
59) Diethylphthalate	10.35	149	1053062	30.87	ng		100
60) 4-Chlorophenyl-phenylether	10.47	204	475531	29.86	ng		96
61) 4-Nitroaniline	10.51	138	239606	25.87	ng		94
62) Azobenzene	10.63	77	1317955	33.39	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	41144	8.66	ng		94
65) n-Nitrosodiphenylamine	10.59	169	818795	31.59	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	255643	30.36	ng		96
67) Hexachlorobenzene	11.02	284	290514	31.78	ng		99
68) Atrazine	11.11	200	221988	30.96	ng		100
69) Pentachlorophenol	11.23	266	200839	44.32	ng		100
70) Phenanthrene	11.45	178	1325059	31.63	ng		100
71) Anthracene	11.49	178	1369686	30.38	ng		99
72) Carbazole	11.65	167	1179117	29.22	ng		99
73) Di-n-butylphthalate	11.98	149	1647042	34.83	ng		100
74) Fluoranthene	12.62	202	1108213	26.30	ng		91
76) Benzidine	12.76	184	224585	16.74	ng		95
77) Pyrene	12.85	202	1063317	29.78	ng		100
79) Butylbenzylphthalate	13.48	149	612350	38.71	ng		93
80) Benzo(a)anthracene	14.04	228	943085	30.73	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	253142	24.14	ng	#	98
82) Chrysene	14.09	228	986095	33.35	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	843622	39.53	ng	#	99
84) Di-n-octyl phthalate	14.65	149	1245375	43.52	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	766764	44.84	ng		98
87) Benzo(b)fluoranthene	15.08	252	931209	29.65	ng		98
88) Benzo(k)fluoranthene	15.12	252	794156m	23.50	ng		
89) Benzo(a)pyrene	15.45	252	856382	29.78	ng	#	97
90) Dibenzo(a,h)anthracene	16.96	278	664909	30.32	ng		99
91) Benzo(g,h,i)perylene	17.37	276	583466	27.90	ng		98

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

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