Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091560.D
Acq On : 13 Dec 2016 18:07
Operator : UM/SJ
Sample : PB95263BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95263BS

Manual Integrations APPROVED
sohil
12/14/2016 6:21:27 PM

Quant Time: Dec 14 01:05:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	288074	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1125654	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	560206	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	874448	20.00	ng		0.00
75) Chrysene-d12	13.96	240	535816	20.00	ng		0.00
86) Perylene-d12	15.38	264	658229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2204210	128.91	ng		0.02
7) Phenol-d6	6.46	99	2687123	126.06	ng		0.01
23) Nitrobenzene-d5	7.38	82	1690723	83.83	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	596831	128.27	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	2824469	87.12	ng		0.00
78) Terphenyl-d14	12.92	244	2182888	92.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	308602	34.20	ng	#	87
3) Pyridine	3.17	79	921791	38.34	ng	#	79
4) n-Nitrosodimethylamine	3.13	42	421410	40.79	ng	#	58
6) Aniline	6.48	93	581624	20.81	ng	#	23
8) 2-Chlorophenol	6.60	128	805368	41.73	ng		92
9) Benzaldehyde	6.35	77	153571	10.47	ng		98
10) Phenol	6.48	94	1141532	45.80	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	858128	45.83	ng	#	84
12) 1,3-Dichlorobenzene	6.75	146	850074m	40.62	ng		
13) 1,4-Dichlorobenzene	6.83	146	841419	40.76	ng		97
14) 1,2-Dichlorobenzene	6.99	146	804476	43.24	ng		93
15) Benzyl Alcohol	6.96	79	697332	41.43	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1221091	42.08	ng		82
17) 2-Methylphenol	7.08	107	688567	43.12	ng	#	77
18) Hexachloroethane	7.33	117	333461	41.39	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	596796	44.77	ng	#	83
20) 3+4-Methylphenols	7.23	107	817398	47.57	ng	#	57
22) Acetophenone	7.23	105	1155602	42.85	ng	#	97
24) Nitrobenzene	7.40	77	950829	44.62	ng	#	82
25) Isophorone	7.64	82	1625823	45.35	ng		99
26) 2-Nitrophenol	7.72	139	439649	46.75	ng	#	65
27) 2,4-Dimethylphenol	7.77	122	785696	47.56	ng		91
28) bis(2-Chloroethoxy)methane	7.86	93	1047570	49.81	ng		98
29) 2,4-Dichlorophenol	7.96	162	650465	45.26	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	682277	41.77	ng		99
31) Naphthalene	8.12	128	2179641	41.62	ng		99
32) Benzoic acid	7.88	122	412258	36.13	ng		94
33) 4-Chloroaniline	8.17	127	245565	10.88	ng		98
34) Hexachlorobutadiene	8.25	225	407213	43.49	ng		99
35) Caprolactam	8.54	113	226703m	54.01	ng		
36) 4-Chloro-3-methylphenol	8.67	107	729142	45.24	ng	#	84
37) 2-Methylnaphthalene	8.82	142	1491432	44.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	563490	36.67	ng		98
40) Hexachlorocyclopentadiene	8.97	237	532720	77.77	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	420438	42.59	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	439970	43.37	ng	#	90
45) 1,1'-Biphenyl	9.28	154	1649151	40.64	ng		99
46) 2-Chloronaphthalene	9.30	162	1265209	40.27	ng		99
47) 2-Nitroaniline	9.40	65	456118	43.17	ng	#	79
48) Acenaphthylene	9.71	152	1979412	41.33	ng		98
49) Dimethylphthalate	9.58	163	1628347	45.90	ng		100
50) 2,6-Dinitrotoluene	9.64	165	370345	47.57	ng	#	82
51) Acenaphthene	9.88	154	1387057	41.69	ng		98
52) 3-Nitroaniline	9.80	138	188439	20.60	ng		95
53) 2,4-Dinitrophenol	9.92	184	222454	56.23	ng	#	72
54) Dibenzofuran	10.06	168	1823668	44.31	ng		90
55) 4-Nitrophenol	9.98	139	636784	93.58	ng	#	71
56) 2,4-Dinitrotoluene	10.04	165	469214	48.08	ng	#	74
57) Fluorene	10.40	166	1238734	41.76	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	353915m	44.56	ng		
59) Diethylphthalate	10.28	149	1532010	44.85	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	631184	42.65	ng	#	89
61) 4-Nitroaniline	10.42	138	328342	36.13	ng		97
62) Azobenzene	10.56	77	1793112	46.33	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	161235	31.44	ng		88
65) n-Nitrosodiphenylamine	10.51	169	1143328	43.86	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	416362	46.44	ng	#	77
67) Hexachlorobenzene	10.94	284	382704	41.05	ng	#	74
68) Atrazine	11.05	200	416704	49.71	ng		94
69) Pentachlorophenol	11.14	266	416276	79.35	ng		97
70) Phenanthrene	11.36	178	1850692	42.74	ng		99
71) Anthracene	11.41	178	2060104	44.11	ng		99
72) Carbazole	11.56	167	1604495	39.19	ng		99
73) Di-n-butylphthalate	11.90	149	2272455	47.64	ng		99
74) Fluoranthene	12.55	202	1880439	41.47	ng		99
76) Benzidine	12.66	184	811584	48.99	ng		98
77) Pyrene	12.77	202	1852351	43.58	ng		99
79) Butylbenzylphthalate	13.39	149	820620	49.52	ng		90
80) Benzo(a)anthracene	13.95	228	1387463	44.59	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	349926	31.32	ng	#	96
82) Chrysene	13.99	228	1367838	42.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1015904	47.78	ng	#	92
84) Di-n-octyl phthalate	14.57	149	1940741	53.78	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1772578	60.50	ng		99
87) Benzo(b)fluoranthene	14.98	252	1606100m	40.93	ng		
88) Benzo(k)fluoranthene	15.00	252	1313515m	38.07	ng		
89) Benzo(a)pyrene	15.32	252	1472643	41.66	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	1426618	45.05	ng		97
91) Benzo(g,h,i)perylene	17.17	276	1517565	47.09	ng		100

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

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