Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090543.D
Acq On : 12 Oct 2016 18:48
Operator : UM/SJ
Sample : PB93974BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Manual Integrations APPROVED
sohil
10/13/2016 2:04:50 PM

Quant Time: Oct 13 01:16:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	216341	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	898330	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	489045	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	828345	20.00	ng		0.00
75) Chrysene-d12	14.13	240	728467	20.00	ng		0.00
86) Perylene-d12	15.61	264	487324	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1400250	100.69	ng		0.01
7) Phenol-d6	6.60	99	1958146	111.58	ng		0.01
23) Nitrobenzene-d5	7.51	82	1076329	64.99	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	626569	129.25	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2242104	77.04	ng		0.00
78) Terphenyl-d14	13.07	244	2200291	73.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	183117	26.84	ng	#	77
3) Pyridine	3.47	79	543976m	28.85	ng		
4) n-Nitrosodimethylamine	3.42	42	175404m	28.39	ng		
6) Aniline	6.62	93	427913	19.22	ng	#	74
8) 2-Chlorophenol	6.74	128	606289	40.98	ng		93
9) Benzaldehyde	6.50	77	154935	14.01	ng		97
10) Phenol	6.61	94	697808	35.25	ng		92
11) bis(2-Chloroethyl)ether	6.68	93	604377	40.79	ng		97
12) 1,3-Dichlorobenzene	6.89	146	598315m	37.49	ng		
13) 1,4-Dichlorobenzene	6.97	146	640504	39.33	ng		96
14) 1,2-Dichlorobenzene	7.11	146	566552	38.29	ng		98
15) Benzyl Alcohol	7.09	79	451808	33.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	541911	25.52	ng		56
17) 2-Methylphenol	7.22	107	468183	38.91	ng		95
18) Hexachloroethane	7.46	117	213117	35.46	ng		99
19) n-Nitroso-di-n-propylamine	7.37	70	401901	35.91	ng	#	73
20) 3+4-Methylphenols	7.37	107	587877	38.59	ng	#	86
22) Acetophenone	7.37	105	771882	39.03	ng	#	90
24) Nitrobenzene	7.54	77	575804	32.41	ng	#	83
25) Isophorone	7.78	82	1058953	35.13	ng	#	92
26) 2-Nitrophenol	7.85	139	310344	38.29	ng	#	88
27) 2,4-Dimethylphenol	7.89	122	538877	39.11	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	688073	36.96	ng		98
29) 2,4-Dichlorophenol	8.10	162	501607	43.53	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	530482	40.08	ng		98
31) Naphthalene	8.26	128	1665853	37.22	ng		98
32) Benzoic acid	8.03	122	296115	27.23	ng		87
33) 4-Chloroaniline	8.31	127	221459	11.69	ng	#	87
34) Hexachlorobutadiene	8.37	225	279284	37.74	ng		100
35) Caprolactam	8.68	113	153826m	41.18	ng		
36) 4-Chloro-3-methylphenol	8.81	107	529332	39.34	ng		88
37) 2-Methylnaphthalene	8.95	142	1144881	38.11	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	516731	37.74	ng		99
40) Hexachlorocyclopentadiene	9.10	237	603323	88.78	ng		98

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	345113	37.39	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	389298	42.61	ng		96
45) 1,1'-Biphenyl	9.41	154	1336033	35.77	ng		97
46) 2-Chloronaphthalene	9.45	162	1069562	38.49	ng		92
47) 2-Nitroaniline	9.54	65	313591	31.64	ng		90
48) Acenaphthylene	9.86	152	1649762	36.80	ng		98
49) Dimethylphthalate	9.72	163	1354022	41.17	ng		98
50) 2,6-Dinitrotoluene	9.78	165	288168	39.68	ng	#	81
51) Acenaphthene	10.03	154	1144037	38.07	ng		97
52) 3-Nitroaniline	9.95	138	147243	16.34	ng		98
53) 2,4-Dinitrophenol	10.05	184	260195	64.57	ng	#	77
54) Dibenzofuran	10.20	168	1480099	37.02	ng		96
55) 4-Nitrophenol	10.13	139	499916	71.40	ng	#	74
56) 2,4-Dinitrotoluene	10.19	165	429963	44.76	ng	#	87
57) Fluorene	10.54	166	1188663	36.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	324874	42.63	ng		100
59) Diethylphthalate	10.42	149	1265636	37.84	ng		94
60) 4-Chlorophenyl-phenylether	10.53	204	593893	39.43	ng		95
61) 4-Nitroaniline	10.58	138	308120	33.51	ng		85
62) Azobenzene	10.69	77	1270984	34.79	ng		89
64) 4,6-Dinitro-2-methylphenol	10.60	198	177813	32.14	ng	#	41
65) n-Nitrosodiphenylamine	10.66	169	1070174	39.73	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	363015	39.55	ng	#	92
67) Hexachlorobenzene	11.09	284	413439	40.78	ng		95
68) Atrazine	11.18	200	328345	39.39	ng		98
69) Pentachlorophenol	11.30	266	456927	75.73	ng		98
70) Phenanthrene	11.51	178	1844456	40.40	ng		97
71) Anthracene	11.56	178	1837103	39.72	ng		99
72) Carbazole	11.72	167	1799981	41.21	ng		97
73) Di-n-butylphthalate	12.04	149	1953978	37.14	ng		98
74) Fluoranthene	12.70	202	1921474	41.23	ng		90
76) Benzidine	12.82	184	502914	21.97	ng		99
77) Pyrene	12.93	202	1986877	43.57	ng		98
79) Butylbenzylphthalate	13.55	149	916667	42.94	ng		90
80) Benzo(a)anthracene	14.12	228	1674035	38.56	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	316117	20.23	ng	#	99
82) Chrysene	14.16	228	1490879	36.89	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1239121	39.78	ng	#	95
84) Di-n-octyl phthalate	14.72	149	1894560	39.27	ng	#	84
85) Indeno(1,2,3-cd)pyrene	17.08	276	1148801	34.14	ng		98
87) Benzo(b)fluoranthene	15.17	252	1345343	41.84	ng	#	97
88) Benzo(k)fluoranthene	15.21	252	1381449m	48.23	ng		
89) Benzo(a)pyrene	15.54	252	1195371	42.34	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	979841	40.85	ng	#	95
91) Benzo(g,h,i)perylene	17.53	276	915030	41.25	ng		99

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

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