Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082667.D
Acq On : 3 Nov 2015 18:21
Operator : UM/IZ
Sample : PB86400BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Manual Integrations APPROVED
Mmdadoda
11/4/2015 5:26:16 PM

Quant Time: Nov 04 03:54:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	174128	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	674338	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	344471	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	656497	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	554365	20.00	ng		0.00
86) Perylene-d12	15.49	264	488344	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1068181	92.39	ng		0.01
7) Phenol-d6	6.51	99	1487601	96.85	ng		0.00
23) Nitrobenzene-d5	7.44	82	1003685	60.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	441030	116.99	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1590304	65.55	ng		-0.01
78) Terphenyl-d14	12.99	244	1787520	70.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	148703	27.82	ng		97
3) Pyridine	3.28	79	401150	25.60	ng		99
4) n-Nitrosodimethylamine	3.21	42	214252	24.29	ng		91
6) Aniline	6.53	93	419890	19.63	ng		99
8) 2-Chlorophenol	6.66	128	391643	31.31	ng	#	79
9) Benzaldehyde	6.42	77	133419	12.72	ng		85
10) Phenol	6.52	94	606337	34.84	ng		92
11) bis(2-Chloroethyl)ether	6.61	93	437169	34.05	ng		88
12) 1,3-Dichlorobenzene	6.82	146	452672m	31.73	ng		
13) 1,4-Dichlorobenzene	6.90	146	456429m	32.26	ng		
14) 1,2-Dichlorobenzene	7.05	146	411306	31.32	ng		95
15) Benzyl Alcohol	7.01	79	413287	28.86	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	616156	30.20	ng		97
17) 2-Methylphenol	7.14	107	342114	32.17	ng		93
18) Hexachloroethane	7.40	117	166340	30.13	ng	#	77
19) n-Nitroso-di-n-propylamine	7.30	70	352772	30.30	ng	#	81
20) 3+4-Methylphenols	7.29	107	454055	32.85	ng		94
22) Acetophenone	7.29	105	599498	30.20	ng	#	88
24) Nitrobenzene	7.46	77	524005	31.39	ng		92
25) Isophorone	7.70	82	858951	28.27	ng		98
26) 2-Nitrophenol	7.78	139	214975	35.26	ng	#	76
27) 2,4-Dimethylphenol	7.82	122	395081	33.19	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	544216	32.75	ng		98
29) 2,4-Dichlorophenol	8.02	162	342869	31.60	ng		89
30) 1,2,4-Trichlorobenzene	8.11	180	385105	31.98	ng		95
31) Naphthalene	8.19	128	1203487	32.98	ng		98
32) Benzoic acid	7.93	122	242312	28.06	ng		93
33) 4-Chloroaniline	8.24	127	185011	11.88	ng	#	84
34) Hexachlorobutadiene	8.32	225	252424	32.96	ng		98
35) Caprolactam	8.59	113	106681	32.05	ng		94
36) 4-Chloro-3-methylphenol	8.72	107	409612	32.06	ng		95
37) 2-Methylnaphthalene	8.88	142	730983	30.91	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	368273	32.04	ng		98
40) Hexachlorocyclopentadiene	9.05	237	493213	68.25	ng		96

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	268056	32.30	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	286814	34.68	ng	#	89
45) 1,1'-Biphenyl	9.34	154	993884	34.16	ng		97
46) 2-Chloronaphthalene	9.37	162	753202	33.15	ng		97
47) 2-Nitroaniline	9.46	65	297474	33.68	ng	#	81
48) Acenaphthylene	9.78	152	1143214	31.46	ng		99
49) Dimethylphthalate	9.64	163	903378	32.11	ng		100
50) 2,6-Dinitrotoluene	9.70	165	183361	31.45	ng	#	86
51) Acenaphthene	9.96	154	858677	37.22	ng		92
52) 3-Nitroaniline	9.87	138	126842	19.55	ng	#	66
53) 2,4-Dinitrophenol	9.97	184	231687	75.04	ng	#	27
54) Dibenzofuran	10.13	168	1104513	35.28	ng	#	88
55) 4-Nitrophenol	10.03	139	365403	74.86	ng		90
56) 2,4-Dinitrotoluene	10.10	165	263583	33.43	ng	#	84
57) Fluorene	10.46	166	817069	32.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	252583	36.14	ng	#	86
59) Diethylphthalate	10.35	149	965439	33.71	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	430777	35.10	ng		90
61) 4-Nitroaniline	10.48	138	176891	28.57	ng		90
62) Azobenzene	10.62	77	1109574	34.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	154925	39.13	ng	#	71
65) n-Nitrosodiphenylamine	10.58	169	696309	30.85	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	273885	36.81	ng	#	91
67) Hexachlorobenzene	11.02	284	294026	35.64	ng	#	63
68) Atrazine	11.10	200	250720	33.96	ng		98
69) Pentachlorophenol	11.21	266	346657	63.73	ng		99
70) Phenanthrene	11.42	178	1289581	34.83	ng		99
71) Anthracene	11.48	178	1380025	37.02	ng		99
72) Carbazole	11.63	167	1048570	32.29	ng		99
73) Di-n-butylphthalate	11.97	149	1417421	34.29	ng		99
74) Fluoranthene	12.61	202	1270558	33.57	ng		98
76) Benzidine	12.74	184	620301	24.81	ng		99
77) Pyrene	12.84	202	1272121	30.99	ng		98
79) Butylbenzylphthalate	13.47	149	621559	34.57	ng		96
80) Benzo(a)anthracene	14.04	228	1225835	34.81	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	235566	19.41	ng		98
82) Chrysene	14.08	228	1158824	36.31	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	912727	39.16	ng		100
84) Di-n-octyl phthalate	14.66	149	1430741	39.35	ng		97
85) Indeno(1,2,3-cd)pyrene	16.91	276	1005080	38.16	ng		99
87) Benzo(b)fluoranthene	15.08	252	951017	28.24	ng		99
88) Benzo(k)fluoranthene	15.12	252	970087m	37.81	ng		
89) Benzo(a)pyrene	15.44	252	900343	33.95	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	832390	33.64	ng		99
91) Benzo(g,h,i)perylene	17.33	276	810766	33.81	ng		98

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

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