Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082668.D
Acq On : 3 Nov 2015 18:50
Operator : UM/IZ
Sample : PB86401BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86401BS

Manual Integrations APPROVED
Mmdadoda
11/4/2015 5:26:14 PM

Quant Time: Nov 04 03:58:31 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	170488	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	671915	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	340367	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	643470	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	556884	20.00	ng		0.00
86) Perylene-d12	15.53	264	494032	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1139916	100.70	ng		0.01
7) Phenol-d6	6.51	99	1547421	102.90	ng		0.00
23) Nitrobenzene-d5	7.44	82	1108141	67.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	481109	129.16	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1754278	73.18	ng		-0.01
78) Terphenyl-d14	12.99	244	1950690	76.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	143134	27.35	ng		97
3) Pyridine	3.24	79	449283	29.28	ng		98
4) n-Nitrosodimethylamine	3.17	42	235358	27.25	ng		92
6) Aniline	6.53	93	530034	25.31	ng		97
8) 2-Chlorophenol	6.66	128	400995	32.74	ng	#	78
9) Benzaldehyde	6.42	77	52665	5.13	ng		81
10) Phenol	6.52	94	600539	35.24	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	450511	35.84	ng		90
12) 1,3-Dichlorobenzene	6.82	146	483673m	34.63	ng		
13) 1,4-Dichlorobenzene	6.90	146	489477m	35.34	ng		
14) 1,2-Dichlorobenzene	7.05	146	424939	33.05	ng		93
15) Benzyl Alcohol	7.01	79	458403	32.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	648061	32.44	ng		98
17) 2-Methylphenol	7.14	107	373814	35.90	ng		93
18) Hexachloroethane	7.40	117	174400	32.26	ng	#	77
19) n-Nitroso-di-n-propylamine	7.30	70	381124	33.43	ng	#	82
20) 3+4-Methylphenols	7.29	107	464089	34.29	ng		93
22) Acetophenone	7.29	105	602968	30.48	ng	#	86
24) Nitrobenzene	7.46	77	539784	32.45	ng		91
25) Isophorone	7.70	82	920881	30.42	ng		97
26) 2-Nitrophenol	7.78	139	230452	37.93	ng	#	76
27) 2,4-Dimethylphenol	7.82	122	422135	35.59	ng		92
28) bis(2-Chloroethoxy)methane	7.92	93	559120	33.77	ng		98
29) 2,4-Dichlorophenol	8.02	162	362228	33.51	ng		89
30) 1,2,4-Trichlorobenzene	8.11	180	409788	34.16	ng		95
31) Naphthalene	8.19	128	1272737	35.01	ng		99
32) Benzoic acid	7.93	122	257215	29.89	ng		95
33) 4-Chloroaniline	8.24	127	291454	18.78	ng	#	84
34) Hexachlorobutadiene	8.32	225	261312	34.25	ng		98
35) Caprolactam	8.59	113	121850	36.74	ng		93
36) 4-Chloro-3-methylphenol	8.72	107	423364	33.26	ng		94
37) 2-Methylnaphthalene	8.88	142	753148	31.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	374312	32.96	ng		97
40) Hexachlorocyclopentadiene	9.05	237	509863	71.41	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	288414	35.17	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	289181	35.39	ng		93
45) 1,1'-Biphenyl	9.34	154	979753	34.08	ng		97
46) 2-Chloronaphthalene	9.37	162	766463	34.14	ng		96
47) 2-Nitroaniline	9.46	65	324187	37.15	ng	#	86
48) Acenaphthylene	9.78	152	1209546	33.68	ng		99
49) Dimethylphthalate	9.65	163	975063	35.08	ng	#	97
50) 2,6-Dinitrotoluene	9.70	165	199904	34.70	ng		86
51) Acenaphthene	9.96	154	903956	39.66	ng		95
52) 3-Nitroaniline	9.87	138	153624	23.97	ng	#	73
53) 2,4-Dinitrophenol	9.97	184	238118	77.78	ng	#	30
54) Dibenzofuran	10.13	168	1154257	37.32	ng		89
55) 4-Nitrophenol	10.03	139	348502	72.26	ng	#	87
56) 2,4-Dinitrotoluene	10.11	165	300231	38.53	ng	#	58
57) Fluorene	10.48	166	872421	34.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	269196	38.98	ng	#	89
59) Diethylphthalate	10.35	149	1001762	35.40	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	438423	36.15	ng	#	88
61) 4-Nitroaniline	10.48	138	207596	33.94	ng		89
62) Azobenzene	10.62	77	1053363	33.01	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	154812	39.89	ng	#	56
65) n-Nitrosodiphenylamine	10.58	169	721667	32.63	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	288168	39.52	ng	#	86
67) Hexachlorobenzene	11.02	284	320289	39.61	ng	#	64
68) Atrazine	11.12	200	276131	38.15	ng		89
69) Pentachlorophenol	11.21	266	380369	71.34	ng		99
70) Phenanthrene	11.42	178	1298896	35.79	ng		98
71) Anthracene	11.48	178	1395957	38.20	ng		99
72) Carbazole	11.63	167	1127698	35.43	ng		98
73) Di-n-butylphthalate	11.97	149	1468318	36.24	ng		99
74) Fluoranthene	12.61	202	1402275	37.80	ng		98
76) Benzidine	12.74	184	773399	30.79	ng		99
77) Pyrene	12.84	202	1427726	34.62	ng		99
79) Butylbenzylphthalate	13.47	149	685720	37.97	ng		94
80) Benzo(a)anthracene	14.04	228	1301374	36.79	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	330584	27.12	ng	#	97
82) Chrysene	14.09	228	1242709	38.76	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1026352	43.83	ng	#	98
84) Di-n-octyl phthalate	14.69	149	1579133	43.24	ng		97
85) Indeno(1,2,3-cd)pyrene	16.95	276	1101776	41.64	ng		100
87) Benzo(b)fluoranthene	15.11	252	1242150	36.46	ng	#	97
88) Benzo(k)fluoranthene	15.14	252	838719m	32.32	ng		
89) Benzo(a)pyrene	15.47	252	985374	36.73	ng	#	97
90) Dibenzo(a,h)anthracene	16.97	278	918234	36.68	ng		99
91) Benzo(g,h,i)perylene	17.37	276	918951	37.88	ng		98

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

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