Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082770.D
Acq On : 6 Nov 2015 19:29
Operator : UM/IZ
Sample : PB86463BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:30 PM

Quant Time: Nov 07 03:26:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	254508	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	780455	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	392907	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	925296	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	520709	20.00	ng		-0.01
86) Perylene-d12	15.44	264	485811	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1678084	102.59	ng		0.01
7) Phenol-d6	6.49	99	2190250	100.72	ng		0.01
23) Nitrobenzene-d5	7.41	82	1310529	73.07	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	504036	111.88	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2186099	79.74	ng		0.00
78) Terphenyl-d14	12.96	244	1796266	81.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	196439	27.83	ng		95
3) Pyridine	3.21	79	650923	31.78	ng		96
4) n-Nitrosodimethylamine	3.15	42	299220	29.46	ng	#	74
6) Aniline	6.51	93	822132	26.93	ng		95
8) 2-Chlorophenol	6.64	128	643829	35.51	ng		90
9) Benzaldehyde	6.38	77	71490	5.95	ng		94
10) Phenol	6.50	94	911212	36.93	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	676090	36.64	ng		85
12) 1,3-Dichlorobenzene	6.80	146	652101m	31.89	ng		
13) 1,4-Dichlorobenzene	6.86	146	631998	29.70	ng		97
14) 1,2-Dichlorobenzene	7.02	146	646933	33.43	ng		99
15) Benzyl Alcohol	6.99	79	583048	30.53	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	897294	33.15	ng		96
17) 2-Methylphenol	7.10	107	493001	32.10	ng		98
18) Hexachloroethane	7.37	117	222458	29.23	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	452999	28.34	ng	#	77
20) 3+4-Methylphenols	7.26	107	607858	30.44	ng		96
22) Acetophenone	7.26	105	799718	35.76	ng	#	91
24) Nitrobenzene	7.44	77	695535	37.92	ng		98
25) Isophorone	7.68	82	1254185	37.79	ng		97
26) 2-Nitrophenol	7.76	139	293224	38.30	ng	#	53
27) 2,4-Dimethylphenol	7.79	122	484510	35.22	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	730107	39.00	ng		100
29) 2,4-Dichlorophenol	8.00	162	529057	42.55	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	461459	33.00	ng		97
31) Naphthalene	8.16	128	1383568	32.13	ng		99
32) Benzoic acid	7.92	122	335970	35.67	ng		88
33) 4-Chloroaniline	8.20	127	421477	22.71	ng		97
34) Hexachlorobutadiene	8.28	225	282316	32.26	ng		100
35) Caprolactam	8.57	113	160657	40.99	ng	#	89
36) 4-Chloro-3-methylphenol	8.69	107	587901	40.21	ng		89
37) 2-Methylnaphthalene	8.85	142	1162936	41.75	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	473380	36.66	ng		99
40) Hexachlorocyclopentadiene	9.01	237	585137	84.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	330653	34.31	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	355857	37.33	ng	#	90
45) 1,1'-Biphenyl	9.32	154	1309047	38.83	ng		97
46) 2-Chloronaphthalene	9.33	162	1051111	39.97	ng		95
47) 2-Nitroaniline	9.42	65	366224	37.54	ng		91
48) Acenaphthylene	9.76	152	1612901	39.13	ng		99
49) Dimethylphthalate	9.62	163	1331302	41.36	ng		99
50) 2,6-Dinitrotoluene	9.68	165	307350	44.75	ng		86
51) Acenaphthene	9.93	154	1103787	42.26	ng		100
52) 3-Nitroaniline	9.84	138	193609	25.63	ng		87
53) 2,4-Dinitrophenol	9.95	184	317191	84.11	ng	#	17
54) Dibenzofuran	10.10	168	1485481	42.18	ng		93
55) 4-Nitrophenol	10.01	139	418354	72.19	ng	#	80
56) 2,4-Dinitrotoluene	10.08	165	380310	40.81	ng		99
57) Fluorene	10.44	166	1158544	40.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	285041	36.64	ng	#	92
59) Diethylphthalate	10.32	149	1214793	38.65	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	521987	36.58	ng	#	86
61) 4-Nitroaniline	10.45	138	251108	33.05	ng	#	84
62) Azobenzene	10.59	77	1355970	40.16	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	205162	31.12	ng		93
65) n-Nitrosodiphenylamine	10.56	169	1057139	31.62	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	320310	28.75	ng	#	75
67) Hexachlorobenzene	10.99	284	419258	33.70	ng	#	76
68) Atrazine	11.08	200	403015	38.99	ng		96
69) Pentachlorophenol	11.18	266	548384	72.59	ng		99
70) Phenanthrene	11.40	178	2011428	37.43	ng		100
71) Anthracene	11.45	178	1750376	30.92	ng		100
72) Carbazole	11.60	167	1447826	29.22	ng		98
73) Di-n-butylphthalate	11.94	149	1338898	21.69	ng		99
74) Fluoranthene	12.58	202	1303438	22.60	ng		98
76) Benzidine	12.70	184	588098	33.70	ng		98
77) Pyrene	12.81	202	1326597	37.10	ng		99
79) Butylbenzylphthalate	13.44	149	772356	48.89	ng		94
80) Benzo(a)anthracene	14.00	228	1268054	38.94	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	350644	30.29	ng	#	98
82) Chrysene	14.04	228	1232026	41.31	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	885231	40.94	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1461158	40.51	ng		97
85) Indeno(1,2,3-cd)pyrene	16.82	276	1295509	50.44	ng		97
87) Benzo(b)fluoranthene	15.03	252	1372421m	44.01	ng		
88) Benzo(k)fluoranthene	15.06	252	817472m	29.55	ng		
89) Benzo(a)pyrene	15.38	252	1018224	37.69	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	1081412	47.27	ng		99
91) Benzo(g,h,i)perylene	17.24	276	1217854	55.58	ng	#	96

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

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