Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083051.D
Acq On : 19 Nov 2015 23:06
Operator : UM/IZ
Sample : PB86753BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86753BS

Quant Time: Nov 20 07:10:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121167	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481146	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	246340	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	464157	20.00	ng	0.00
75) Chrysene-d12	13.86	240	412367	20.00	ng	0.00
86) Perylene-d12	15.23	264	326020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	968886	124.20	ng	0.01
7) Phenol-d6	6.36	99	1317101	128.19	ng	0.01
23) Nitrobenzene-d5	7.28	82	940176	89.46	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	322964	123.48	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1425233	77.92	ng	-0.01
78) Terphenyl-d14	12.82	244	1538908	88.10	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	106146	30.01	ng	95
3) Pyridine	2.89	79	324786	33.88	ng	98
4) n-Nitrosodimethylamine	2.83	42	178485	36.80	ng	98
6) Aniline	6.36	93	442210	31.47	ng	93
8) 2-Chlorophenol	6.49	128	332993	38.27	ng	94
9) Benzaldehyde	6.24	77	241869	48.19	ng	95
10) Phenol	6.37	94	567353	47.39	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	332251	38.19	ng	97
12) 1,3-Dichlorobenzene	6.65	146	370659	38.06	ng	98
13) 1,4-Dichlorobenzene	6.72	146	361983	36.69	ng	99
14) 1,2-Dichlorobenzene	6.88	146	382165	41.92	ng	98
15) Benzyl Alcohol	6.85	79	328333	38.84	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	558813	41.21	ng	98
17) 2-Methylphenol	6.98	107	290500	39.98	ng	98
18) Hexachloroethane	7.22	117	138983	38.33	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	267816	35.67	ng	100
20) 3+4-Methylphenols	7.14	107	408464	43.13	ng	99
22) Acetophenone	7.12	105	511975	37.99	ng	99
24) Nitrobenzene	7.29	77	383406	36.16	ng	97
25) Isophorone	7.54	82	771099	38.90	ng	99
26) 2-Nitrophenol	7.61	139	171948	37.08	ng	97
27) 2,4-Dimethylphenol	7.66	122	338111	44.13	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	475878	42.85	ng	99
29) 2,4-Dichlorophenol	7.86	162	322576	43.44	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	326658	39.72	ng	99
31) Naphthalene	8.02	128	1013080	40.41	ng	99
32) Benzoic acid	7.79	122	195739	42.00	ng	95
33) 4-Chloroaniline	8.06	127	278664	25.56	ng	95
34) Hexachlorobutadiene	8.14	225	200129	38.93	ng	99
35) Caprolactam	8.44	113	109116m	46.22	ng	
36) 4-Chloro-3-methylphenol	8.57	107	376245	43.82	ng	94
37) 2-Methylnaphthalene	8.70	142	636486	38.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	307722	37.88	ng	99
40) Hexachlorocyclopentadiene	8.86	237	310749	82.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	218777	37.12	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	250684	42.65	ng		99
45) 1,1'-Biphenyl	9.17	154	816274	37.66	ng		99
46) 2-Chloronaphthalene	9.20	162	684271	41.50	ng		99
47) 2-Nitroaniline	9.29	65	218599	35.14	ng		97
48) Acenaphthylene	9.61	152	1047846	38.60	ng		98
49) Dimethylphthalate	9.48	163	774805	38.22	ng		100
50) 2,6-Dinitrotoluene	9.54	165	190067	43.49	ng		93
51) Acenaphthene	9.78	154	624883	36.43	ng		100
52) 3-Nitroaniline	9.70	138	114931	23.05	ng		96
53) 2,4-Dinitrophenol	9.81	184	201669	90.55	ng	#	68
54) Dibenzofuran	9.95	168	870482	37.87	ng		100
55) 4-Nitrophenol	9.88	139	247974	72.46	ng	#	75
56) 2,4-Dinitrotoluene	9.94	165	220801	37.75	ng		89
57) Fluorene	10.29	166	726564	39.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	206356	43.44	ng		97
59) Diethylphthalate	10.18	149	760414	38.46	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	363054	41.91	ng		98
61) 4-Nitroaniline	10.32	138	171488	33.68	ng		96
62) Azobenzene	10.45	77	940059	42.45	ng		98
64) 4,6-Dinitro-2-methylphenol	10.35	198	142081	48.01	ng		78
65) n-Nitrosodiphenylamine	10.41	169	601182	36.96	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	200180	37.24	ng		93
67) Hexachlorobenzene	10.84	284	231458	39.36	ng		98
68) Atrazine	10.94	200	231473	45.43	ng		98
69) Pentachlorophenol	11.04	266	248498	82.81	ng		99
70) Phenanthrene	11.25	178	1217080	43.46	ng		100
71) Anthracene	11.30	178	1073709	38.06	ng		99
72) Carbazole	11.46	167	1071080	43.43	ng		100
73) Di-n-butylphthalate	11.80	149	1240372	39.89	ng		100
74) Fluoranthene	12.43	202	1100238	37.70	ng		99
76) Benzidine	12.56	184	589747	43.71	ng		98
77) Pyrene	12.66	202	1208562	41.63	ng		100
79) Butylbenzylphthalate	13.29	149	516414	40.26	ng		100
80) Benzo(a)anthracene	13.85	228	1067751	40.74	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	267612	30.34	ng	#	97
82) Chrysene	13.88	228	911386m	37.93	ng		
83) Bis(2-ethylhexyl)phthalate	13.86	149	718113	42.81	ng		100
84) Di-n-octyl phthalate	14.47	149	1121820	41.05	ng		98
85) Indeno(1,2,3-cd)pyrene	16.53	276	801522	41.00	ng		100
87) Benzo(b)fluoranthene	14.85	252	868819m	38.11	ng		
88) Benzo(k)fluoranthene	14.89	252	837995m	48.26	ng		
89) Benzo(a)pyrene	15.19	252	828739	45.30	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	671301	42.17	ng		99
91) Benzo(g,h,i)perylene	16.92	276	667553	42.99	ng		96

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

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