Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083060.D
Acq On : 20 Nov 2015 3:55
Operator : UM/IZ
Sample : G4436-11MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-1350MS

Quant Time: Nov 20 07:53:19 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	122054	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	472672	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	247955	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	464630	20.00	ng		0.00
75) Chrysene-d12	13.86	240	423577	20.00	ng		0.00
86) Perylene-d12	15.23	264	338571	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	887610	112.95	ng		0.02
7) Phenol-d6	6.36	99	1221899	118.06	ng		0.01
23) Nitrobenzene-d5	7.28	82	975329	94.47	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	311926	118.48	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1375079	74.69	ng		-0.01
78) Terphenyl-d14	12.81	244	1481630	82.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	130319	36.57	ng		99
3) Pyridine	2.99	79	266276m	27.57	ng		
4) n-Nitrosodimethylamine	2.90	42	191324	39.16	ng		97
6) Aniline	6.37	93	53869	3.81	ng	#	1
8) 2-Chlorophenol	6.49	128	347407	39.64	ng		89
9) Benzaldehyde	6.25	77	59021m	8.99	ng		
10) Phenol	6.37	94	475393	39.42	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	383146	43.72	ng		98
12) 1,3-Dichlorobenzene	6.65	146	358779	36.57	ng		99
13) 1,4-Dichlorobenzene	6.72	146	353496	35.57	ng		99
14) 1,2-Dichlorobenzene	6.88	146	376868	41.04	ng		97
15) Benzyl Alcohol	6.85	79	321193	37.72	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	581037	42.54	ng		88
17) 2-Methylphenol	6.98	107	302253	41.30	ng		97
18) Hexachloroethane	7.22	117	136854	37.47	ng	#	90
19) n-Nitroso-di-n-propylamine	7.13	70	291607	38.55	ng		98
20) 3+4-Methylphenols	7.14	107	401433	42.07	ng		98
22) Acetophenone	7.12	105	542728	40.99	ng		96
24) Nitrobenzene	7.29	77	425043	40.81	ng		98
25) Isophorone	7.54	82	820171	42.12	ng		98
26) 2-Nitrophenol	7.61	139	188909	41.47	ng		93
27) 2,4-Dimethylphenol	7.66	122	348788	46.34	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	471352	43.20	ng		98
29) 2,4-Dichlorophenol	7.86	162	343110	47.03	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	341595	42.28	ng		97
31) Naphthalene	8.01	128	989393	40.17	ng		98
32) Benzoic acid	7.80	122	209024	45.66	ng		97
33) 4-Chloroaniline	8.08	127	46099	4.30	ng	#	88
34) Hexachlorobutadiene	8.14	225	200152	39.64	ng		99
35) Caprolactam	8.44	113	90426m	38.99	ng		
36) 4-Chloro-3-methylphenol	8.57	107	371923	44.10	ng		90
37) 2-Methylnaphthalene	8.70	142	716009	43.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	345741	42.28	ng		99
40) Hexachlorocyclopentadiene	8.86	237	326988	85.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	241496	40.70	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	243077	41.09	ng	#	91
45) 1,1'-Biphenyl	9.17	154	915073	41.95	ng		98
46) 2-Chloronaphthalene	9.20	162	720223	43.40	ng		96
47) 2-Nitroaniline	9.29	65	222038	35.46	ng		94
48) Acenaphthylene	9.61	152	1111159	40.67	ng		99
49) Dimethylphthalate	9.48	163	864990	42.39	ng		100
50) 2,6-Dinitrotoluene	9.54	165	200970	45.68	ng		87
51) Acenaphthene	9.78	154	725905	42.04	ng		99
52) 3-Nitroaniline	9.70	138	38354	7.64	ng		84
53) 2,4-Dinitrophenol	9.81	184	244170	108.92	ng	#	79
54) Dibenzofuran	9.95	168	946097	40.89	ng		99
55) 4-Nitrophenol	9.88	139	231251	67.14	ng	#	77
56) 2,4-Dinitrotoluene	9.94	165	254029	43.15	ng		94
57) Fluorene	10.29	166	806363	43.31	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	218175	45.63	ng		98
59) Diethylphthalate	10.18	149	833123	41.86	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	370040	42.44	ng		95
61) 4-Nitroaniline	10.32	138	143774	28.05	ng		93
62) Azobenzene	10.44	77	898501	40.31	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	150833	50.92	ng		96
65) n-Nitrosodiphenylamine	10.41	169	536540	32.95	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	221954	41.25	ng		94
67) Hexachlorobenzene	10.84	284	260718	44.29	ng		93
68) Atrazine	10.94	200	160596	31.49	ng		95
69) Pentachlorophenol	11.04	266	280296	93.31	ng		98
70) Phenanthrene	11.25	178	1236581	44.11	ng		100
71) Anthracene	11.30	178	1219788	43.20	ng		98
72) Carbazole	11.46	167	925863	37.51	ng		98
73) Di-n-butylphthalate	11.80	149	1377918	44.26	ng		100
74) Fluoranthene	12.43	202	1219208	41.73	ng		100
77) Pyrene	12.66	202	1356231	45.48	ng		100
79) Butylbenzylphthalate	13.29	149	539707	40.96	ng		97
80) Benzo(a)anthracene	13.85	228	1181910	43.91	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	42848	4.73	ng	#	97
82) Chrysene	13.88	228	1050183	42.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	809738	47.00	ng		98
84) Di-n-octyl phthalate	14.47	149	1247740	44.45	ng		98
85) Indeno(1,2,3-cd)pyrene	16.53	276	915438	45.58	ng		99
87) Benzo(b)fluoranthene	14.85	252	958551	40.49	ng		98
88) Benzo(k)fluoranthene	14.89	252	942458m	52.26	ng		
89) Benzo(a)pyrene	15.19	252	881061	46.38	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	780678	47.22	ng		99
91) Benzo(g,h,i)perylene	16.92	276	765164	47.45	ng	#	94

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

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