Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083056.D
Acq On : 20 Nov 2015 1:33
Operator : UM/IZ
Sample : PB86628BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86628BS

Quant Time: Nov 20 10:47:41 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	118273	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	458291	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	247777	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	450719	20.00	ng		0.00
75) Chrysene-d12	13.86	240	390833	20.00	ng		0.00
86) Perylene-d12	15.23	264	356733	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	777047	102.04	ng		0.01
7) Phenol-d6	6.35	99	1060988	105.79	ng		0.00
23) Nitrobenzene-d5	7.26	82	686965	68.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	255829	97.25	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1105215	60.07	ng		-0.01
78) Terphenyl-d14	12.81	244	1105685	66.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	100118	29.00	ng	#	95
3) Pyridine	2.91	79	304070	32.49	ng		99
4) n-Nitrosodimethylamine	2.85	42	147834	31.22	ng		97
6) Aniline	6.36	93	294316	21.46	ng	#	74
8) 2-Chlorophenol	6.49	128	289605	34.10	ng		96
9) Benzaldehyde	6.24	77	208376	40.87	ng		98
10) Phenol	6.36	94	312763	26.76	ng	#	40
11) bis(2-Chloroethyl)ether	6.44	93	294353	34.67	ng		97
12) 1,3-Dichlorobenzene	6.64	146	295937m	31.13	ng		
13) 1,4-Dichlorobenzene	6.72	146	301694	31.33	ng		99
14) 1,2-Dichlorobenzene	6.88	146	296224	33.29	ng		96
15) Benzyl Alcohol	6.85	79	291336	35.31	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	433912	32.78	ng		94
17) 2-Methylphenol	6.98	107	259259	36.56	ng		99
18) Hexachloroethane	7.22	117	113659	32.12	ng	#	86
19) n-Nitroso-di-n-propylamine	7.13	70	241894	33.00	ng		93
20) 3+4-Methylphenols	7.13	107	315144	34.09	ng		89
22) Acetophenone	7.12	105	419789	32.70	ng	#	95
24) Nitrobenzene	7.29	77	367168	36.36	ng		93
25) Isophorone	7.53	82	594154	31.47	ng		97
26) 2-Nitrophenol	7.61	139	151810	34.37	ng		88
27) 2,4-Dimethylphenol	7.66	122	262011	35.90	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	341603	32.29	ng		99
29) 2,4-Dichlorophenol	7.86	162	255290	36.09	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	260147	33.21	ng		97
31) Naphthalene	8.01	128	777579	32.56	ng		99
32) Benzoic acid	7.78	122	136310	30.71	ng		97
33) 4-Chloroaniline	8.06	127	182116	17.53	ng	#	91
34) Hexachlorobutadiene	8.14	225	156496	31.96	ng		99
35) Caprolactam	8.43	113	83858m	37.29	ng		
36) 4-Chloro-3-methylphenol	8.56	107	275199	33.65	ng	#	86
37) 2-Methylnaphthalene	8.70	142	547515	34.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	264388	32.36	ng		98
40) Hexachlorocyclopentadiene	8.86	237	261685	68.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	189339	31.94	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	173803	29.40	ng	#	93
45) 1,1'-Biphenyl	9.17	154	692722	31.78	ng		97
46) 2-Chloronaphthalene	9.20	162	519016	31.29	ng		94
47) 2-Nitroaniline	9.29	65	184668	29.52	ng		93
48) Acenaphthylene	9.61	152	867085	31.76	ng		100
49) Dimethylphthalate	9.48	163	652139	31.98	ng		98
50) 2,6-Dinitrotoluene	9.54	165	138511	31.51	ng	#	75
51) Acenaphthene	9.78	154	603635	34.99	ng		99
52) 3-Nitroaniline	9.70	138	91303	18.21	ng		84
53) 2,4-Dinitrophenol	9.81	184	157717	70.40	ng		96
54) Dibenzofuran	9.95	168	757743	32.77	ng		96
55) 4-Nitrophenol	9.88	139	227323	66.04	ng		89
56) 2,4-Dinitrotoluene	9.94	165	206850	35.16	ng		86
57) Fluorene	10.29	166	619867	33.32	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.08	232	156569	32.77	ng		96
59) Diethylphthalate	10.18	149	645462	32.46	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	268570	30.82	ng		94
61) 4-Nitroaniline	10.32	138	142619	27.85	ng		83
62) Azobenzene	10.44	77	703750	31.59	ng		85
64) 4,6-Dinitro-2-methylphenol	10.34	198	96820	33.69	ng	#	29
65) n-Nitrosodiphenylamine	10.41	169	532204	33.70	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	174673	33.46	ng	#	89
67) Hexachlorobenzene	10.84	284	198367	34.74	ng	#	85
68) Atrazine	10.93	200	162035	32.75	ng		96
69) Pentachlorophenol	11.04	266	208448	71.53	ng		96
70) Phenanthrene	11.24	178	836547	30.76	ng		99
71) Anthracene	11.30	178	957488	34.95	ng		99
72) Carbazole	11.46	167	828640	34.60	ng		97
73) Di-n-butylphthalate	11.80	149	1005000	33.28	ng		98
74) Fluoranthene	12.43	202	970701	34.25	ng		98
76) Benzidine	12.56	184	470117	36.76	ng		98
77) Pyrene	12.66	202	1003710	36.48	ng		99
79) Butylbenzylphthalate	13.29	149	410449	33.76	ng		93
80) Benzo(a)anthracene	13.85	228	883353	35.57	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	190072	22.73	ng	#	94
82) Chrysene	13.88	228	862536	37.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	594802	37.42	ng	#	99
84) Di-n-octyl phthalate	14.47	149	930786	35.94	ng		98
85) Indeno(1,2,3-cd)pyrene	16.53	276	648050	34.97	ng		99
87) Benzo(b)fluoranthene	14.85	252	769792m	30.86	ng		
88) Benzo(k)fluoranthene	14.88	252	621684m	32.72	ng		
89) Benzo(a)pyrene	15.17	252	685374	34.24	ng	#	98
90) Dibenzo(a,h)anthracene	16.55	278	547835	31.45	ng		97
91) Benzo(g,h,i)perylene	16.92	276	535826	31.53	ng		100

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

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