Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080821.D
Acq On : 4 Aug 2015 1:39
Operator : TP
Sample : PB84719BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 18:42:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 14:50:50 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB84719BS

Manual Integrations APPROVED
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8/5/2015 2:28:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149555	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	576021	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	285753	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	536947	20.00	ng		0.01
75) Chrysene-d12	13.99	240	327236	20.00	ng		0.00
86) Perylene-d12	15.39	264	259112	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	961376	106.72	ng		0.01
7) Phenol-d6	6.46	99	1493648	123.32	ng		0.00
23) Nitrobenzene-d5	7.40	82	1017367	86.73	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	373289	135.80	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1621421	85.37	ng		0.00
78) Terphenyl-d14	12.93	244	1293437	79.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	155914	33.78	ng		97
3) Pyridine	3.29	79	383711	31.57	ng		99
4) n-Nitrosodimethylamine	3.23	42	259933	38.50	ng		94
6) Aniline	6.50	93	454607	26.25	ng		98
8) 2-Chlorophenol	6.62	128	399743	40.30	ng		98
9) Benzaldehyde	6.37	77	53144	5.41	ng		85
10) Phenol	6.48	94	469348	33.30	ng		94
11) bis(2-Chloroethyl)ether	6.58	93	414460	40.91	ng		95
12) 1,3-Dichlorobenzene	6.77	146	433408	38.89	ng		98
13) 1,4-Dichlorobenzene	6.85	146	467084	42.03	ng		98
14) 1,2-Dichlorobenzene	7.00	146	396008m	38.49	ng		
15) Benzyl Alcohol	6.98	79	331855	40.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	825779	41.23	ng		98
17) 2-Methylphenol	7.09	107	381276	43.56	ng		98
18) Hexachloroethane	7.34	117	162575	39.70	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	335097	42.82	ng		97
20) 3+4-Methylphenols	7.24	107	413509	40.65	ng		96
22) Acetophenone	7.24	105	563689	40.14	ng	#	78
24) Nitrobenzene	7.41	77	440812	36.99	ng	#	83
25) Isophorone	7.65	82	836677	39.92	ng	#	94
26) 2-Nitrophenol	7.73	139	216114	42.42	ng		92
27) 2,4-Dimethylphenol	7.78	122	421743	43.46	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	528551	41.79	ng		99
29) 2,4-Dichlorophenol	7.97	162	341921	41.97	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	352951	39.82	ng		96
31) Naphthalene	8.13	128	1124021	39.67	ng		100
32) Benzoic acid	7.89	122	266704	45.45	ng		98
33) 4-Chloroaniline	8.19	127	248633	20.83	ng	#	93
34) Hexachlorobutadiene	8.26	225	224380	41.25	ng		99
35) Caprolactam	8.56	113	106427m	47.02	ng		
36) 4-Chloro-3-methylphenol	8.67	107	370570	42.37	ng		99
37) 2-Methylnaphthalene	8.83	142	787106	44.31	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	328194	36.05	ng		98
40) Hexachlorocyclopentadiene	8.99	237	469902	84.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	244631	37.95	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	269233	42.59	ng	#	86
45) 1,1'-Biphenyl	9.30	154	888974	41.10	ng		99
46) 2-Chloronaphthalene	9.32	162	710245	39.68	ng		98
47) 2-Nitroaniline	9.41	65	304453	45.97	ng		98
48) Acenaphthylene	9.73	152	1168984	41.71	ng		100
49) Dimethylphthalate	9.60	163	785558	41.23	ng		99
50) 2,6-Dinitrotoluene	9.65	165	170073	41.17	ng		99
51) Acenaphthene	9.90	154	824719	48.78	ng		97
52) 3-Nitroaniline	9.82	138	125824	26.01	ng		86
53) 2,4-Dinitrophenol	9.93	184	207452	92.20	ng	#	69
54) Dibenzofuran	10.08	168	976926	43.82	ng		98
55) 4-Nitrophenol	9.98	139	292704	86.24	ng		95
56) 2,4-Dinitrotoluene	10.05	165	221631	42.61	ng		95
57) Fluorene	10.42	166	792495	45.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	213718	47.19	ng		97
59) Diethylphthalate	10.29	149	789975	43.16	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	334197	39.04	ng		97
61) 4-Nitroaniline	10.43	138	167029	37.99	ng		95
62) Azobenzene	10.57	77	900857	42.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	139726	40.09	ng		88
65) n-Nitrosodiphenylamine	10.53	169	718832	38.39	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	225448	38.28	ng		100
67) Hexachlorobenzene	10.97	284	265929	40.00	ng		99
68) Atrazine	11.06	200	213553	49.75	ng		97
69) Pentachlorophenol	11.16	266	305199	85.36	ng		94
70) Phenanthrene	11.38	178	1184504	42.39	ng		99
71) Anthracene	11.42	178	1052578	37.98	ng		99
72) Carbazole	11.58	167	1015783	42.85	ng		100
73) Di-n-butylphthalate	11.92	149	1165768	40.62	ng		99
74) Fluoranthene	12.56	202	1045573	39.41	ng		99
76) Benzidine	12.68	184	358956	37.19	ng		98
77) Pyrene	12.79	202	1069852	44.06	ng		98
79) Butylbenzylphthalate	13.41	149	482504	50.62	ng		99
80) Benzo(a)anthracene	13.97	228	806918	43.51	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	193940	29.39	ng		99
82) Chrysene	14.01	228	793093	43.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	583644	49.63	ng		100
84) Di-n-octyl phthalate	14.58	149	839416	45.15	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	769661	46.41	ng		99
87) Benzo(b)fluoranthene	14.99	252	636842m	41.95	ng		
88) Benzo(k)fluoranthene	15.01	252	567143m	42.80	ng		
89) Benzo(a)pyrene	15.33	252	577375	44.57	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	638809	50.82	ng		99
91) Benzo(g,h,i)perylene	17.19	276	668114	50.85	ng		99

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

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