Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083891.D
Acq On : 18 Dec 2015 2:28
Operator : UM/SJ
Sample : PB87315BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 18 05:53:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Manual Integrations APPROVED
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12/18/2015 6:21:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	77334	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	311511	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	152615	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	293740	20.00	ng		0.01
75) Chrysene-d12	14.03	240	258243	20.00	ng		0.00
86) Perylene-d12	15.47	264	223983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	362259	73.31	ng		0.01
7) Phenol-d6	6.52	99	495622	81.94	ng		0.01
23) Nitrobenzene-d5	7.44	82	309576	56.72	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	147274	87.60	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	628762	54.65	ng		0.00
78) Terphenyl-d14	12.98	244	632182	55.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	45012	21.00	ng		98
3) Pyridine	3.29	79	130793	24.68	ng		97
4) n-Nitrosodimethylamine	3.23	42	56530	27.96	ng		94
6) Aniline	6.53	93	145019	18.62	ng	#	47
8) 2-Chlorophenol	6.66	128	152688	25.96	ng		95
9) Benzaldehyde	6.42	77	55697	15.28	ng		96
10) Phenol	6.53	94	187834	27.83	ng		89
11) bis(2-Chloroethyl)ether	6.61	93	138368	26.99	ng		99
12) 1,3-Dichlorobenzene	6.82	146	166306	26.29	ng		99
13) 1,4-Dichlorobenzene	6.89	146	162284	25.13	ng		97
14) 1,2-Dichlorobenzene	7.05	146	165988	30.70	ng		99
15) Benzyl Alcohol	7.02	79	136947	29.92	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	138448	26.19	ng		97
17) 2-Methylphenol	7.14	107	130436	28.27	ng		99
18) Hexachloroethane	7.39	117	61646	26.02	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	97744	27.72	ng	#	84
20) 3+4-Methylphenols	7.29	107	150910	27.84	ng		92
22) Acetophenone	7.29	105	205739	27.43	ng	#	99
24) Nitrobenzene	7.46	77	162398	28.77	ng		97
25) Isophorone	7.70	82	271302	26.42	ng		99
26) 2-Nitrophenol	7.78	139	86466	29.59	ng		98
27) 2,4-Dimethylphenol	7.81	122	136701	27.16	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	158246	26.05	ng		99
29) 2,4-Dichlorophenol	8.02	162	131460	28.79	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	127296	25.96	ng		99
31) Naphthalene	8.18	128	431519	26.60	ng		99
32) Benzoic acid	7.94	122	54361	33.32	ng		90
33) 4-Chloroaniline	8.22	127	76692	10.85	ng		98
34) Hexachlorobutadiene	8.30	225	78539	25.65	ng		100
35) Caprolactam	8.59	113	41559m	27.55	ng		
36) 4-Chloro-3-methylphenol	8.72	107	146439	27.74	ng		94
37) 2-Methylnaphthalene	8.88	142	316656	29.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	121589	25.27	ng		99
40) Hexachlorocyclopentadiene	9.04	237	96060	63.49	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	82413	25.94	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	92061	29.28	ng	#	94
45) 1,1'-Biphenyl	9.33	154	350046	26.65	ng		99
46) 2-Chloronaphthalene	9.36	162	271436	26.34	ng		100
47) 2-Nitroaniline	9.46	65	78805	26.11	ng	#	46
48) Acenaphthylene	9.78	152	469194	26.37	ng		100
49) Dimethylphthalate	9.64	163	364784	28.49	ng		99
50) 2,6-Dinitrotoluene	9.70	165	80897	28.96	ng		92
51) Acenaphthene	9.95	154	313155	28.63	ng		100
52) 3-Nitroaniline	9.86	138	46428	15.77	ng		96
53) 2,4-Dinitrophenol	9.97	184	57325	60.09	ng	#	77
54) Dibenzofuran	10.12	168	415961	29.28	ng		96
55) 4-Nitrophenol	10.03	139	110751	60.25	ng	#	79
56) 2,4-Dinitrotoluene	10.10	165	96093	26.84	ng		92
57) Fluorene	10.46	166	329930	29.50	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	71537	30.75	ng		97
59) Diethylphthalate	10.34	149	363229	27.44	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	148491	27.27	ng		94
61) 4-Nitroaniline	10.48	138	73789	24.22	ng		93
62) Azobenzene	10.61	77	334168	30.11	ng		98
64) 4,6-Dinitro-2-methylphenol	10.51	198	47785	28.24	ng		81
65) n-Nitrosodiphenylamine	10.57	169	273605	25.60	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	94578	26.34	ng		96
67) Hexachlorobenzene	11.01	284	105157	27.81	ng		96
68) Atrazine	11.09	200	91721	27.09	ng		99
69) Pentachlorophenol	11.21	266	90920	58.04	ng		99
70) Phenanthrene	11.42	178	477898	26.93	ng		100
71) Anthracene	11.47	178	444760	25.93	ng		100
72) Carbazole	11.63	167	436245	25.74	ng		97
73) Di-n-butylphthalate	11.96	149	575693	28.91	ng		99
74) Fluoranthene	12.60	202	468037	26.43	ng		98
76) Benzidine	12.73	184	205180	19.84	ng		98
77) Pyrene	12.83	202	483706	30.30	ng		100
79) Butylbenzylphthalate	13.45	149	228705	26.60	ng		96
80) Benzo(a)anthracene	14.02	228	414255	26.09	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	84914	14.31	ng		99
82) Chrysene	14.07	228	413324	26.95	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	326457	28.44	ng		100
84) Di-n-octyl phthalate	14.63	149	560037	31.18	ng		100
85) Indeno(1,2,3-cd)pyrene	16.90	276	350862	30.59	ng		100
87) Benzo(b)fluoranthene	15.06	252	426028	26.09	ng		99
88) Benzo(k)fluoranthene	15.08	252	384307m	28.53	ng		
89) Benzo(a)pyrene	15.41	252	379930	28.17	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	291135	27.75	ng	#	95
91) Benzo(g,h,i)perylene	17.32	276	282936	27.52	ng		100

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

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