Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083709.D
Acq On : 11 Dec 2015 21:56
Operator : UM/IZ
Sample : PB87192BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87192BS

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:35 PM

Quant Time: Dec 11 23:15:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143210	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	584965	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	262478	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	499649	20.00	ng		0.00
75) Chrysene-d12	14.08	240	329332	20.00	ng		0.00
86) Perylene-d12	15.51	264	277273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	970042	104.32	ng		0.01
7) Phenol-d6	6.56	99	1303472	113.50	ng		0.01
23) Nitrobenzene-d5	7.48	82	732801	84.96	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	329019	129.50	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1362807	76.48	ng		0.00
78) Terphenyl-d14	13.03	244	1252251	85.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	145608	32.02	ng	#	86
3) Pyridine	3.39	79	419641	35.52	ng		89
4) n-Nitrosodimethylamine	3.33	42	180146	37.50	ng	#	74
6) Aniline	6.58	93	341540	21.72	ng	#	87
8) 2-Chlorophenol	6.72	128	378179	37.22	ng	#	76
9) Benzaldehyde	6.46	77	200572	31.71	ng		96
10) Phenol	6.57	94	526112	39.44	ng	#	69
11) bis(2-Chloroethyl)ether	6.66	93	374936	38.50	ng		94
12) 1,3-Dichlorobenzene	6.86	146	410188	36.57	ng		98
13) 1,4-Dichlorobenzene	6.94	146	429502	37.91	ng		96
14) 1,2-Dichlorobenzene	7.09	146	375235	36.02	ng		96
15) Benzyl Alcohol	7.06	79	319716	39.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	470844	34.92	ng		68
17) 2-Methylphenol	7.17	107	315234	38.43	ng	#	86
18) Hexachloroethane	7.45	117	150955	39.37	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	256159	38.27	ng		95
20) 3+4-Methylphenols	7.33	107	395872	39.20	ng	#	48
22) Acetophenone	7.33	105	499797	35.74	ng	#	99
24) Nitrobenzene	7.50	77	418139	43.33	ng	#	86
25) Isophorone	7.74	82	715287	37.10	ng		96
26) 2-Nitrophenol	7.82	139	190276	47.88	ng	#	79
27) 2,4-Dimethylphenol	7.86	122	354643m	36.69	ng		
28) bis(2-Chloroethoxy)methane	7.96	93	457914	41.54	ng	#	97
29) 2,4-Dichlorophenol	8.06	162	334573	41.86	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	344514	38.88	ng		98
31) Naphthalene	8.24	128	1138357	39.42	ng		99
32) Benzoic acid	7.96	122	213833m	40.91	ng		
33) 4-Chloroaniline	8.27	127	121783	10.14	ng	#	90
34) Hexachlorobutadiene	8.36	225	189593	38.50	ng		96
35) Caprolactam	8.64	113	106989m	41.64	ng		
36) 4-Chloro-3-methylphenol	8.75	107	344571	39.38	ng		95
37) 2-Methylnaphthalene	8.92	142	710604	39.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	322216	39.35	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	338131	87.28	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	225215	40.13	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	206748	38.19	ng	#	89
45) 1,1'-Biphenyl	9.39	154	887288	38.76	ng		95
46) 2-Chloronaphthalene	9.41	162	684036	39.64	ng		99
47) 2-Nitroaniline	9.49	65	165631	39.13	ng		88
48) Acenaphthylene	9.82	152	1058462	37.23	ng		99
49) Dimethylphthalate	9.69	163	809539	40.09	ng		99
50) 2,6-Dinitrotoluene	9.74	165	174383	44.47	ng	#	61
51) Acenaphthene	10.00	154	676243	40.17	ng		99
52) 3-Nitroaniline	9.90	138	92755	21.09	ng	#	75
53) 2,4-Dinitrophenol	10.01	184	114200	87.52	ng	#	47
54) Dibenzofuran	10.17	168	894173	39.89	ng		91
55) 4-Nitrophenol	10.06	139	338832	90.65	ng	#	79
56) 2,4-Dinitrotoluene	10.14	165	247382	49.61	ng	#	67
57) Fluorene	10.51	166	690928	38.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	179510	44.77	ng	#	100
59) Diethylphthalate	10.38	149	736010	38.89	ng		100
60) 4-Chlorophenyl-phenylether	10.50	204	315777	37.20	ng		89
61) 4-Nitroaniline	10.52	138	180494	44.28	ng		92
62) Azobenzene	10.66	77	687715	38.17	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	84655	42.65	ng		92
65) n-Nitrosodiphenylamine	10.62	169	639683	38.57	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	203839	38.17	ng	#	90
67) Hexachlorobenzene	11.06	284	226496	38.94	ng		98
68) Atrazine	11.14	200	191363	40.46	ng		97
69) Pentachlorophenol	11.25	266	269922	83.15	ng		96
70) Phenanthrene	11.47	178	1114536	40.87	ng		98
71) Anthracene	11.52	178	997949	35.44	ng		99
72) Carbazole	11.66	167	907878	35.13	ng	#	96
73) Di-n-butylphthalate	12.01	149	1111223	39.45	ng		100
74) Fluoranthene	12.65	202	1028949	36.05	ng		96
76) Benzidine	12.76	184	266887	21.02	ng		99
77) Pyrene	12.88	202	1049091	40.40	ng		98
79) Butylbenzylphthalate	13.49	149	400757	48.14	ng	#	86
80) Benzo(a)anthracene	14.07	228	814699	42.22	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	138130	22.52	ng		99
82) Chrysene	14.10	228	786497	42.39	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	431343	47.90	ng		100
84) Di-n-octyl phthalate	14.67	149	663429	48.75	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	797901	39.99	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	649259m	37.68	ng		
88) Benzo(k)fluoranthene	15.13	252	655524m	39.89	ng		
89) Benzo(a)pyrene	15.45	252	629955	40.20	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	663424	42.73	ng	#	95
91) Benzo(g,h,i)perylene	17.37	276	684534	41.82	ng		97

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

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