Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081807.D
Acq On : 25 Sep 2015 17:14
Operator : UM/IZ
Sample : PB85698BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85698BS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:18:57 PM

Quant Time: Sep 28 00:52:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	164926	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	633577	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	320741	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	622405	20.00	ng		0.00
75) Chrysene-d12	14.13	240	509729	20.00	ng		0.01
86) Perylene-d12	15.59	264	419512	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	607926	62.36	ng		0.00
7) Phenol-d6	6.57	99	863644	70.04	ng		0.00
23) Nitrobenzene-d5	7.51	82	773994	80.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	234510	84.22	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	1481223	75.81	ng		0.00
78) Terphenyl-d14	13.06	244	1379535	61.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	118561	24.57	ng		90
3) Pyridine	3.43	79	345541	25.39	ng		86
4) n-Nitrosodimethylamine	3.38	42	173158	26.95	ng		99
6) Aniline	6.61	93	308113	16.69	ng	#	91
8) 2-Chlorophenol	6.73	128	367055	34.17	ng		98
9) Benzaldehyde	6.49	77	114810	15.75	ng	#	79
10) Phenol	6.58	94	501021	34.98	ng		79
11) bis(2-Chloroethyl)ether	6.69	93	354278	33.73	ng		90
12) 1,3-Dichlorobenzene	6.88	146	398220	31.33	ng	#	90
13) 1,4-Dichlorobenzene	6.96	146	393021	30.56	ng	#	92
14) 1,2-Dichlorobenzene	7.12	146	393294	32.87	ng		98
15) Benzyl Alcohol	7.09	79	311818	32.06	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.22	45	537317	29.90	ng		89
17) 2-Methylphenol	7.20	107	300252	33.09	ng	#	90
18) Hexachloroethane	7.46	117	142409	34.00	ng	#	73
19) n-Nitroso-di-n-propylamine	7.36	70	242116	29.45	ng	#	80
20) 3+4-Methylphenols	7.35	107	355372	31.17	ng	#	75
22) Acetophenone	7.36	105	473329	34.06	ng	#	85
24) Nitrobenzene	7.53	77	384335	35.87	ng	#	70
25) Isophorone	7.77	82	712247	33.48	ng	#	92
26) 2-Nitrophenol	7.85	139	190626	48.99	ng	#	85
27) 2,4-Dimethylphenol	7.89	122	359783	37.29	ng		86
28) bis(2-Chloroethoxy)methane	7.99	93	429009	34.52	ng	#	95
29) 2,4-Dichlorophenol	8.09	162	327025	36.41	ng		95
30) 1,2,4-Trichlorobenzene	8.17	180	330892	32.82	ng		98
31) Naphthalene	8.25	128	986980	33.77	ng		97
32) Benzoic acid	7.95	122	75336	40.11	ng	#	62
33) 4-Chloroaniline	8.30	127	137755	10.74	ng	#	87
34) Hexachlorobutadiene	8.37	225	204225	34.35	ng		96
35) Caprolactam	8.67	113	97958m	40.82	ng		
36) 4-Chloro-3-methylphenol	8.78	107	326626	36.29	ng	#	82
37) 2-Methylnaphthalene	8.95	142	743371	35.69	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	319928	31.25	ng		99
40) Hexachlorocyclopentadiene	9.10	237	377486	86.04	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	267121	39.60	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	241435	36.38	ng	#	93
45) 1,1'-Biphenyl	9.42	154	903519	36.03	ng		94
46) 2-Chloronaphthalene	9.44	162	734213	36.39	ng		96
47) 2-Nitroaniline	9.53	65	210315	39.20	ng	#	74
48) Acenaphthylene	9.85	152	1054669	30.89	ng		95
49) Dimethylphthalate	9.71	163	856435	35.09	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	172477	36.61	ng	#	49
51) Acenaphthene	10.02	154	652801	33.18	ng		89
52) 3-Nitroaniline	9.94	138	122454	23.97	ng	#	78
53) 2,4-Dinitrophenol	10.05	184	81313	84.87	ng	#	62
54) Dibenzofuran	10.19	168	922257	31.95	ng	#	86
55) 4-Nitrophenol	10.10	139	330109	93.69	ng	#	80
56) 2,4-Dinitrotoluene	10.18	165	263486	46.72	ng	#	85
57) Fluorene	10.54	166	702118	31.70	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	206305	40.73	ng		98
59) Diethylphthalate	10.41	149	822775	34.81	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	351021	34.52	ng		88
61) 4-Nitroaniline	10.56	138	193775	39.04	ng	#	52
62) Azobenzene	10.69	77	847503	35.07	ng		87
64) 4,6-Dinitro-2-methylphenol	10.58	198	84366	55.21	ng	#	77
65) n-Nitrosodiphenylamine	10.65	169	691438	32.94	ng		91
66) 4-Bromophenyl-phenylether	11.03	248	243651	35.16	ng	#	79
67) Hexachlorobenzene	11.09	284	277520	38.38	ng	#	83
68) Atrazine	11.18	200	226805	36.14	ng		83
69) Pentachlorophenol	11.28	266	261386	66.42	ng		97
70) Phenanthrene	11.51	178	1190308	33.45	ng		97
71) Anthracene	11.55	178	1163055	33.92	ng		95
72) Carbazole	11.70	167	1054313	33.12	ng		95
73) Di-n-butylphthalate	12.03	149	1274583	32.90	ng	#	97
74) Fluoranthene	12.69	202	1205535	33.62	ng		93
76) Benzidine	12.81	184	395698	22.88	ng	#	98
77) Pyrene	12.93	202	1288771	33.54	ng		96
79) Butylbenzylphthalate	13.54	149	589698	38.50	ng	#	90
80) Benzo(a)anthracene	14.10	228	1060786	34.32	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	166462	16.96	ng	#	95
82) Chrysene	14.15	228	1058131m	35.70	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	735141	39.59	ng	#	92
84) Di-n-octyl phthalate	14.71	149	1166122	42.70	ng		94
85) Indeno(1,2,3-cd)pyrene	17.06	276	914265	33.69	ng	#	88
87) Benzo(b)fluoranthene	15.16	252	1048490	42.15	ng	#	88
88) Benzo(k)fluoranthene	15.19	252	677422m	28.27	ng		
89) Benzo(a)pyrene	15.53	252	816567	36.35	ng	#	84
90) Dibenzo(a,h)anthracene	17.08	278	751740	32.12	ng	#	83
91) Benzo(g,h,i)perylene	17.51	276	769079	31.87	ng	#	75

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

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