Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081046.D
Acq On : 18 Aug 2015 17:03
Operator : UM/IZ
Sample : PB85041BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85041BSD

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:17:35 PM

Quant Time: Aug 19 12:15:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	56266	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	246335	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	111935	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	226792	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	202978	20.00	ng		-0.01
86) Perylene-d12	15.07	264	173835	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	290152	77.56	ng		0.00
7) Phenol-d6	6.25	99	382702	78.41	ng		-0.01
23) Nitrobenzene-d5	7.18	82	334174	61.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	67099	69.15	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	559405	65.48	ng		-0.02
78) Terphenyl-d14	12.70	244	612047	64.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	49272	27.95	ng		93
3) Pyridine	2.71	79	167564	33.68	ng	#	83
4) n-Nitrosodimethylamine	2.66	42	89863	32.44	ng		83
6) Aniline	6.26	93	179139	25.24	ng	#	41
8) 2-Chlorophenol	6.39	128	151615	37.03	ng		99
9) Benzaldehyde	6.15	77	92419	29.37	ng		91
10) Phenol	6.27	94	211406	36.67	ng		80
11) bis(2-Chloroethyl)ether	6.35	93	177636	40.16	ng		97
12) 1,3-Dichlorobenzene	6.55	146	161377	36.68	ng		99
13) 1,4-Dichlorobenzene	6.63	146	159510	36.61	ng		99
14) 1,2-Dichlorobenzene	6.78	146	146892	36.03	ng		97
15) Benzyl Alcohol	6.76	79	160973	40.76	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	321030	36.94	ng		99
17) 2-Methylphenol	6.88	107	124561	35.45	ng		97
18) Hexachloroethane	7.12	117	62243	35.36	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	125454	37.10	ng		91
20) 3+4-Methylphenols	7.04	107	167257	37.51	ng	#	49
22) Acetophenone	7.03	105	225755	34.91	ng	#	89
24) Nitrobenzene	7.20	77	203298	36.06	ng		98
25) Isophorone	7.44	82	331894	33.00	ng		99
26) 2-Nitrophenol	7.52	139	85483	36.46	ng	#	66
27) 2,4-Dimethylphenol	7.56	122	144600	34.86	ng		93
28) bis(2-Chloroethoxy)methane	7.66	93	201011	33.84	ng		100
29) 2,4-Dichlorophenol	7.76	162	126373	36.19	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	126824	32.67	ng		97
31) Naphthalene	7.92	128	474842	34.58	ng		99
32) Benzoic acid	7.70	122	105816	45.35	ng		93
33) 4-Chloroaniline	7.98	127	99964	17.25	ng	#	83
34) Hexachlorobutadiene	8.04	225	77186	35.17	ng		96
35) Caprolactam	8.34	113	45194m	37.03	ng		
36) 4-Chloro-3-methylphenol	8.47	107	161403	38.78	ng		89
37) 2-Methylnaphthalene	8.60	142	288800	33.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	132374	36.65	ng		98
40) Hexachlorocyclopentadiene	8.76	237	151362	80.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	101633	39.83	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	88445	34.69	ng	#	86
45) 1,1'-Biphenyl	9.07	154	402517	40.82	ng		97
46) 2-Chloronaphthalene	9.10	162	280323	35.39	ng		99
47) 2-Nitroaniline	9.19	65	103123	31.81	ng		98
48) Acenaphthylene	9.51	152	460716	32.52	ng		100
49) Dimethylphthalate	9.38	163	333756	36.20	ng		100
50) 2,6-Dinitrotoluene	9.44	165	76356	38.58	ng	#	87
51) Acenaphthene	9.68	154	294322	34.70	ng		99
52) 3-Nitroaniline	9.60	138	57700	23.30	ng		96
53) 2,4-Dinitrophenol	9.71	184	96838	86.07	ng	#	66
54) Dibenzofuran	9.85	168	422911	37.21	ng		99
55) 4-Nitrophenol	9.78	139	145587	83.69	ng	#	53
56) 2,4-Dinitrotoluene	9.84	165	101080	38.53	ng	#	81
57) Fluorene	10.18	166	286495	32.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	75751m	38.38	ng		
59) Diethylphthalate	10.08	149	385129	39.47	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	141934	38.36	ng		99
61) 4-Nitroaniline	10.22	138	91825	36.27	ng		92
62) Azobenzene	10.34	77	453357	40.32	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	51033	37.68	ng		96
65) n-Nitrosodiphenylamine	10.31	169	308271	38.08	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	88149	39.57	ng		98
67) Hexachlorobenzene	10.73	284	88142	39.06	ng		98
68) Atrazine	10.83	200	91628	40.62	ng		98
69) Pentachlorophenol	10.92	266	103868	76.72	ng		99
70) Phenanthrene	11.14	178	469276	34.91	ng		99
71) Anthracene	11.19	178	484577	37.05	ng		100
72) Carbazole	11.35	167	520876	41.36	ng		100
73) Di-n-butylphthalate	11.69	149	624953	41.01	ng		99
74) Fluoranthene	12.32	202	549530	37.89	ng		99
76) Benzidine	12.44	184	294588	38.42	ng		99
77) Pyrene	12.54	202	507222	30.74	ng		99
79) Butylbenzylphthalate	13.18	149	295502	41.66	ng	#	77
80) Benzo(a)anthracene	13.73	228	501255	36.82	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	93876	21.29	ng		99
82) Chrysene	13.76	228	444787	36.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	403013	44.36	ng	#	97
84) Di-n-octyl phthalate	14.34	149	707583	51.24	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	389795	45.26	ng	#	93
87) Benzo(b)fluoranthene	14.72	252	502274m	40.85	ng		
88) Benzo(k)fluoranthene	14.74	252	337300m	29.44	ng		
89) Benzo(a)pyrene	15.03	252	416441	38.87	ng		97
90) Dibenzo(a,h)anthracene	16.32	278	327733	39.26	ng		98
91) Benzo(g,h,i)perylene	16.66	276	315183	37.21	ng	#	89

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

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