Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081173.D
Acq On : 24 Aug 2015 17:24
Operator : UM/IZ
Sample : PB85134BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85134BS

Manual Integrations APPROVED
MMDadoda
8/25/2015 12:38:41 PM

Quant Time: Aug 25 11:02:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	100112	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	424582	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	190783	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	387902	20.00	ng		0.00
75) Chrysene-d12	13.66	240	334765	20.00	ng		0.00
86) Perylene-d12	14.99	264	257569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	515865	77.50	ng		0.02
7) Phenol-d6	6.20	99	619139	71.29	ng		0.00
23) Nitrobenzene-d5	7.11	82	425435	45.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	112214	67.85	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	665320	45.69	ng		0.00
78) Terphenyl-d14	12.62	244	668011	42.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	63712	20.31	ng		93
3) Pyridine	2.62	79	205865	23.25	ng		92
4) n-Nitrosodimethylamine	2.58	42	106603	21.63	ng	#	78
6) Aniline	6.21	93	180738	14.31	ng	#	1
8) 2-Chlorophenol	6.32	128	175123	24.04	ng		93
9) Benzaldehyde	6.08	77	43920	7.85	ng		89
10) Phenol	6.21	94	235381	22.95	ng		92
11) bis(2-Chloroethyl)ether	6.29	93	175946	22.36	ng		89
12) 1,3-Dichlorobenzene	6.48	146	188223	24.04	ng		98
13) 1,4-Dichlorobenzene	6.56	146	192552	24.84	ng		99
14) 1,2-Dichlorobenzene	6.71	146	165763	22.85	ng		98
15) Benzyl Alcohol	6.70	79	164510	23.41	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	361661	23.39	ng		99
17) 2-Methylphenol	6.82	107	160187	25.63	ng		95
18) Hexachloroethane	7.05	117	72454	23.13	ng		98
19) n-Nitroso-di-n-propylamine	6.97	70	140686	23.39	ng		90
20) 3+4-Methylphenols	6.97	107	193300	24.36	ng	#	60
22) Acetophenone	6.96	105	259828	23.31	ng	#	87
24) Nitrobenzene	7.13	77	218697	22.50	ng		99
25) Isophorone	7.37	82	378396	21.83	ng		98
26) 2-Nitrophenol	7.45	139	98375	24.34	ng	#	70
27) 2,4-Dimethylphenol	7.50	122	159221	22.27	ng		94
28) bis(2-Chloroethoxy)methane	7.60	93	252342	24.64	ng		99
29) 2,4-Dichlorophenol	7.69	162	143592	23.86	ng		90
30) 1,2,4-Trichlorobenzene	7.77	180	151780	22.69	ng		97
31) Naphthalene	7.85	128	558802	23.61	ng		99
32) Benzoic acid	7.65	122	117612	29.24	ng		91
33) 4-Chloroaniline	7.91	127	109537	10.97	ng	#	85
34) Hexachlorobutadiene	7.98	225	86482	22.86	ng		98
35) Caprolactam	8.29	113	56901m	27.05	ng		
36) 4-Chloro-3-methylphenol	8.40	107	167004	23.28	ng		99
37) 2-Methylnaphthalene	8.54	142	333353	22.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	146906	23.87	ng		98
40) Hexachlorocyclopentadiene	8.70	237	158745	49.83	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	105871	24.35	ng		97
43) 2,4,5-Trichlorophenol	8.87	196	103046	23.71	ng		93
45) 1,1'-Biphenyl	9.01	154	445787	26.53	ng		97
46) 2-Chloronaphthalene	9.02	162	298498	22.11	ng	#	90
47) 2-Nitroaniline	9.12	65	119899	21.70	ng		98
48) Acenaphthylene	9.43	152	481894	19.95	ng		99
49) Dimethylphthalate	9.32	163	345596	22.00	ng		98
50) 2,6-Dinitrotoluene	9.37	165	79209	23.48	ng	#	77
51) Acenaphthene	9.60	154	298276	20.63	ng		99
52) 3-Nitroaniline	9.53	138	53351	12.64	ng		98
53) 2,4-Dinitrophenol	9.65	184	92183	53.36	ng	#	78
54) Dibenzofuran	9.77	168	433297	22.36	ng		93
55) 4-Nitrophenol	9.72	139	134316	45.30	ng	#	83
56) 2,4-Dinitrotoluene	9.77	165	101396	22.68	ng	#	67
57) Fluorene	10.12	166	337136	22.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	83347m	24.78	ng		
59) Diethylphthalate	10.01	149	391726	23.55	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	156624	24.83	ng		95
61) 4-Nitroaniline	10.15	138	99429	23.04	ng		92
62) Azobenzene	10.28	77	498622	26.02	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	57625	24.88	ng		88
65) n-Nitrosodiphenylamine	10.24	169	332399	24.01	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	87206	22.88	ng	#	65
67) Hexachlorobenzene	10.66	284	93627	24.26	ng	#	84
68) Atrazine	10.77	200	95642	24.79	ng		97
69) Pentachlorophenol	10.86	266	114992	49.66	ng		99
70) Phenanthrene	11.06	178	471432	20.51	ng		99
71) Anthracene	11.12	178	570272	25.49	ng		99
72) Carbazole	11.28	167	550761	25.57	ng		98
73) Di-n-butylphthalate	11.63	149	665304	25.53	ng		99
74) Fluoranthene	12.24	202	597056	24.07	ng		94
76) Benzidine	12.37	184	219851	17.39	ng		99
77) Pyrene	12.47	202	623426	22.91	ng		99
79) Butylbenzylphthalate	13.10	149	279921	23.93	ng	#	59
80) Benzo(a)anthracene	13.65	228	530329	23.62	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	119700	16.46	ng	#	96
82) Chrysene	13.68	228	403122	19.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	403500	26.93	ng	#	99
84) Di-n-octyl phthalate	14.28	149	670428	29.44	ng		100
85) Indeno(1,2,3-cd)pyrene	16.16	276	335045	23.59	ng	#	94
87) Benzo(b)fluoranthene	14.64	252	506632m	27.81	ng		
88) Benzo(k)fluoranthene	14.67	252	332242m	19.57	ng		
89) Benzo(a)pyrene	14.94	252	397230	25.02	ng		98
90) Dibenzo(a,h)anthracene	16.17	278	281013	22.72	ng	#	92
91) Benzo(g,h,i)perylene	16.52	276	273598	21.80	ng	#	92

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

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