Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081424.D
Acq On : 4 Sep 2015 17:47
Operator : UM/IZ
Sample : PB85409BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85409BS

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:56:59 PM

Quant Time: Sep 07 01:30:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:02:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	67498	20.00	ng		0.00
21) Naphthalene-d8	7.64	136	263733	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	129943	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	249370	20.00	ng		0.00
75) Chrysene-d12	13.46	240	198672	20.00	ng		0.00
86) Perylene-d12	14.77	264	129987	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	489712	112.57	ng		0.02
7) Phenol-d6	6.03	99	642459	111.57	ng		0.00
23) Nitrobenzene-d5	6.94	82	387891	70.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	130686	112.95	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	614419	60.59	ng		-0.01
78) Terphenyl-d14	12.43	244	598457	70.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	57831	29.60	ng	#	89
3) Pyridine	2.31	79	184696	34.28	ng		92
4) n-Nitrosodimethylamine	2.27	42	109930	36.73	ng	#	77
6) Aniline	6.02	93	189155	23.26	ng	#	82
8) 2-Chlorophenol	6.15	128	181846	37.93	ng		86
9) Benzaldehyde	5.90	77	126920	35.17	ng	#	78
10) Phenol	6.04	94	206885	30.98	ng	#	38
11) bis(2-Chloroethyl)ether	6.11	93	178209	36.99	ng		87
12) 1,3-Dichlorobenzene	6.30	146	181747	35.48	ng	#	91
13) 1,4-Dichlorobenzene	6.38	146	180082	34.53	ng	#	88
14) 1,2-Dichlorobenzene	6.52	146	156360	33.30	ng	#	86
15) Benzyl Alcohol	6.52	79	166959	35.34	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	364712	39.49	ng	#	2
17) 2-Methylphenol	6.66	107	145624	38.07	ng	#	75
18) Hexachloroethane	6.87	117	70531	34.76	ng		94
19) n-Nitroso-di-n-propylamine	6.80	70	144536	36.88	ng	#	87
20) 3+4-Methylphenols	6.82	107	194398	37.69	ng		88
22) Acetophenone	6.79	105	256613	35.62	ng	#	75
24) Nitrobenzene	6.96	77	223731	39.41	ng	#	66
25) Isophorone	7.21	82	370418	36.43	ng	#	88
26) 2-Nitrophenol	7.28	139	94818	38.32	ng	#	55
27) 2,4-Dimethylphenol	7.35	122	158990	37.20	ng	#	83
28) bis(2-Chloroethoxy)methane	7.43	93	208458	35.49	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	142094	38.35	ng		95
30) 1,2,4-Trichlorobenzene	7.60	180	146015	36.27	ng		98
31) Naphthalene	7.67	128	484716	34.46	ng		98
32) Benzoic acid	7.50	122	80545	27.54	ng	#	61
33) 4-Chloroaniline	7.74	127	92612	16.14	ng	#	83
34) Hexachlorobutadiene	7.80	225	84867	34.64	ng		100
35) Caprolactam	8.11	113	50154m	44.13	ng		
36) 4-Chloro-3-methylphenol	8.25	107	173419	41.81	ng	#	78
37) 2-Methylnaphthalene	8.36	142	340059	37.15	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	134400	32.70	ng		98
40) Hexachlorocyclopentadiene	8.51	237	136770	67.82	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	91599	32.30	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	102321	35.36	ng	#	87
45) 1,1'-Biphenyl	8.83	154	407174	34.06	ng		95
46) 2-Chloronaphthalene	8.84	162	283131	32.79	ng	#	89
47) 2-Nitroaniline	8.96	65	132583	37.68	ng	#	76
48) Acenaphthylene	9.26	152	512815	33.48	ng		98
49) Dimethylphthalate	9.15	163	367781	36.43	ng	#	96
50) 2,6-Dinitrotoluene	9.20	165	68085	29.71	ng	#	11
51) Acenaphthene	9.43	154	299690	34.40	ng		90
52) 3-Nitroaniline	9.37	138	51290	19.66	ng	#	83
53) 2,4-Dinitrophenol	9.48	184	66243	68.64	ng	#	87
54) Dibenzofuran	9.60	168	454501	35.72	ng	#	89
55) 4-Nitrophenol	9.56	139	116770m	71.25	ng		
56) 2,4-Dinitrotoluene	9.60	165	94005	32.22	ng	#	1
57) Fluorene	9.93	166	314519	32.58	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	83801	37.94	ng		90
59) Diethylphthalate	9.84	149	344867	32.47	ng		94
60) 4-Chlorophenyl-phenylether	9.94	204	167127	37.14	ng		99
61) 4-Nitroaniline	9.98	138	80596	30.58	ng	#	29
62) Azobenzene	10.09	77	412976	34.98	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	51904	37.21	ng		82
65) n-Nitrosodiphenylamine	10.07	169	302618	33.35	ng		93
66) 4-Bromophenyl-phenylether	10.42	248	92117	36.53	ng		98
67) Hexachlorobenzene	10.48	284	96721	36.69	ng	#	79
68) Atrazine	10.60	200	101265	38.56	ng		83
69) Pentachlorophenol	10.67	266	91871	72.50	ng		97
70) Phenanthrene	10.88	178	463804	33.45	ng		97
71) Anthracene	10.94	178	513400	36.05	ng		98
72) Carbazole	11.10	167	491964	36.81	ng		95
73) Di-n-butylphthalate	11.45	149	615213	38.98	ng	#	98
74) Fluoranthene	12.05	202	520830	34.70	ng		93
76) Benzidine	12.19	184	253401	29.71	ng		98
77) Pyrene	12.27	202	571610	38.84	ng		98
79) Butylbenzylphthalate	12.93	149	254094	39.70	ng	#	84
80) Benzo(a)anthracene	13.45	228	434489	34.34	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	75046	17.58	ng		97
82) Chrysene	13.49	228	346848	30.58	ng		95
83) Bis(2-ethylhexyl)phthalate	13.50	149	310170	36.72	ng	#	95
84) Di-n-octyl phthalate	14.09	149	464511	33.40	ng		97
85) Indeno(1,2,3-cd)pyrene	15.84	276	265473	31.90	ng	#	87
87) Benzo(b)fluoranthene	14.45	252	402138m	43.33	ng		
88) Benzo(k)fluoranthene	14.47	252	261908m	34.01	ng		
89) Benzo(a)pyrene	14.72	252	272434	34.64	ng	#	88
90) Dibenzo(a,h)anthracene	15.85	278	224958	37.02	ng	#	82
91) Benzo(g,h,i)perylene	16.16	276	219308	37.81	ng	#	75

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

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