Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081381.D
Acq On : 3 Sep 2015 17:37
Operator : UM/IZ
Sample : PB85360BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85360BS

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:50:46 PM

Quant Time: Sep 04 03:51:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57262	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	222958	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	110984	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	223052	20.00	ng		0.00
75) Chrysene-d12	13.47	240	166759	20.00	ng		0.00
86) Perylene-d12	14.78	264	109527	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	286887	77.73	ng		0.01
7) Phenol-d6	6.04	99	385897	78.99	ng		0.00
23) Nitrobenzene-d5	6.95	82	346701	75.02	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	85909	86.93	ng		0.00
44) 2-Fluorobiphenyl	8.74	172	599574	69.23	ng		-0.01
78) Terphenyl-d14	12.46	244	628774	87.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	47002	28.36	ng	#	90
3) Pyridine	2.31	79	160377	35.09	ng	#	85
4) n-Nitrosodimethylamine	2.27	42	94278	37.13	ng	#	76
6) Aniline	6.03	93	147929	21.44	ng	#	81
8) 2-Chlorophenol	6.16	128	159119	39.13	ng		91
9) Benzaldehyde	5.91	77	17273	5.64	ng	#	83
10) Phenol	6.06	94	212256	37.47	ng	#	54
11) bis(2-Chloroethyl)ether	6.12	93	165704	40.54	ng		93
12) 1,3-Dichlorobenzene	6.31	146	158125	36.39	ng	#	92
13) 1,4-Dichlorobenzene	6.39	146	162450	36.72	ng	#	90
14) 1,2-Dichlorobenzene	6.54	146	135307	33.97	ng	#	87
15) Benzyl Alcohol	6.54	79	143305	35.76	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	302887	38.66	ng	#	3
17) 2-Methylphenol	6.67	107	129298	39.84	ng	#	76
18) Hexachloroethane	6.88	117	62831	36.50	ng		92
19) n-Nitroso-di-n-propylamine	6.81	70	114198	34.35	ng	#	90
20) 3+4-Methylphenols	6.83	107	168199	38.44	ng		90
22) Acetophenone	6.80	105	232242	38.14	ng	#	78
24) Nitrobenzene	6.97	77	195868	40.81	ng	#	69
25) Isophorone	7.21	82	308339	35.87	ng	#	83
26) 2-Nitrophenol	7.29	139	81300	38.87	ng	#	63
27) 2,4-Dimethylphenol	7.36	122	140578	38.91	ng	#	84
28) bis(2-Chloroethoxy)methane	7.44	93	183989	37.06	ng	#	91
29) 2,4-Dichlorophenol	7.54	162	124988	39.90	ng		97
30) 1,2,4-Trichlorobenzene	7.61	180	132470	38.92	ng		98
31) Naphthalene	7.68	128	411660	34.62	ng		98
32) Benzoic acid	7.51	122	73635	29.58	ng	#	58
33) 4-Chloroaniline	7.75	127	69749	14.38	ng	#	84
34) Hexachlorobutadiene	7.80	225	74726	36.08	ng		96
35) Caprolactam	8.12	113	46285m	48.17	ng		
36) 4-Chloro-3-methylphenol	8.26	107	150517	42.92	ng	#	75
37) 2-Methylnaphthalene	8.38	142	306051	39.55	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	120678	34.38	ng		98
40) Hexachlorocyclopentadiene	8.54	237	126232	73.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	83716	34.56	ng		97
43) 2,4,5-Trichlorophenol	8.72	196	86733	35.10	ng	#	95
45) 1,1'-Biphenyl	8.84	154	376989	36.92	ng		95
46) 2-Chloronaphthalene	8.86	162	255918	34.71	ng	#	88
47) 2-Nitroaniline	8.97	65	121261	40.35	ng	#	66
48) Acenaphthylene	9.27	152	466424	35.66	ng		97
49) Dimethylphthalate	9.16	163	342541	39.72	ng	#	96
50) 2,6-Dinitrotoluene	9.22	165	65815	33.63	ng		93
51) Acenaphthene	9.44	154	275220	36.98	ng		88
52) 3-Nitroaniline	9.38	138	48267	21.66	ng	#	73
53) 2,4-Dinitrophenol	9.50	184	61530	74.64	ng	#	75
54) Dibenzofuran	9.61	168	414969	38.19	ng	#	87
55) 4-Nitrophenol	9.58	139	90905m	64.94	ng		
56) 2,4-Dinitrotoluene	9.61	165	88245	35.41	ng	#	1
57) Fluorene	9.94	166	296962	36.01	ng		94
58) 2,3,4,6-Tetrachlorophenol	9.74	232	71377m	37.83	ng		
59) Diethylphthalate	9.85	149	326546	36.00	ng		94
60) 4-Chlorophenyl-phenylether	9.95	204	158382	41.21	ng		93
61) 4-Nitroaniline	9.99	138	71103	31.59	ng	#	29
62) Azobenzene	10.10	77	379204	37.60	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.02	198	48669	39.01	ng		87
65) n-Nitrosodiphenylamine	10.08	169	280778	34.59	ng		92
66) 4-Bromophenyl-phenylether	10.43	248	85713	38.00	ng		93
67) Hexachlorobenzene	10.49	284	88942	37.72	ng	#	81
68) Atrazine	10.62	200	92899	39.55	ng		82
69) Pentachlorophenol	10.70	266	89780	78.40	ng		98
70) Phenanthrene	10.89	178	399754	32.24	ng		96
71) Anthracene	10.95	178	486664	38.20	ng		99
72) Carbazole	11.11	167	405931	33.95	ng		95
73) Di-n-butylphthalate	11.46	149	522334	37.00	ng	#	98
74) Fluoranthene	12.07	202	510353	38.02	ng		86
76) Benzidine	12.21	184	197272	27.56	ng		98
77) Pyrene	12.29	202	476523	38.58	ng		98
79) Butylbenzylphthalate	12.94	149	209288	38.96	ng	#	77
80) Benzo(a)anthracene	13.46	228	396429	37.33	ng		95
81) 3,3'-Dichlorobenzidine	13.45	252	66999	18.70	ng	#	90
82) Chrysene	13.51	228	358169	37.62	ng		96
83) Bis(2-ethylhexyl)phthalate	13.51	149	279008	39.35	ng	#	92
84) Di-n-octyl phthalate	14.11	149	418963	35.89	ng		98
85) Indeno(1,2,3-cd)pyrene	15.86	276	232105	33.23	ng	#	87
87) Benzo(b)fluoranthene	14.46	252	297349m	38.03	ng		
88) Benzo(k)fluoranthene	14.48	252	243929m	37.60	ng		
89) Benzo(a)pyrene	14.73	252	245840	37.10	ng	#	89
90) Dibenzo(a,h)anthracene	15.87	278	190578	37.22	ng	#	81
91) Benzo(g,h,i)perylene	16.18	276	193939	39.69	ng	#	76

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

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