Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081344.D
Acq On : 2 Sep 2015 12:52
Operator : UM/IZ
Sample : PB85121BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Manual Integrations APPROVED
MMDadoda
9/3/2015 2:22:46 PM

Quant Time: Sep 02 23:40:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 22:52:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	58608	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	224798	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	99213	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	202480	20.00	ng		0.00
75) Chrysene-d12	13.50	240	173726	20.00	ng		0.00
86) Perylene-d12	14.80	264	118888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	403831	106.91	ng		0.02
7) Phenol-d6	6.06	99	559733	111.94	ng		0.00
23) Nitrobenzene-d5	6.97	82	371407	79.71	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	107314	121.48	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	639874	82.65	ng		0.00
78) Terphenyl-d14	12.47	244	560056	75.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	50423	29.72	ng	#	91
3) Pyridine	2.38	79	157296	33.62	ng		93
4) n-Nitrosodimethylamine	2.34	42	91433	35.18	ng	#	77
6) Aniline	6.04	93	159628	22.61	ng	#	70
8) 2-Chlorophenol	6.17	128	152614	36.66	ng		82
9) Benzaldehyde	5.92	77	19039	6.08	ng	#	63
10) Phenol	6.07	94	231471	39.92	ng	#	58
11) bis(2-Chloroethyl)ether	6.14	93	138505	33.11	ng	#	83
12) 1,3-Dichlorobenzene	6.32	146	138600	31.16	ng	#	86
13) 1,4-Dichlorobenzene	6.40	146	143270	31.64	ng	#	85
14) 1,2-Dichlorobenzene	6.56	146	147531	36.18	ng	#	93
15) Benzyl Alcohol	6.56	79	142646	34.78	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	6.70	45	281908	35.15	ng		91
17) 2-Methylphenol	6.68	107	122118	36.77	ng	#	79
18) Hexachloroethane	6.90	117	60514	34.35	ng	#	81
19) n-Nitroso-di-n-propylamine	6.83	70	120836	35.51	ng	#	83
20) 3+4-Methylphenols	6.84	107	160025	35.74	ng		89
22) Acetophenone	6.81	105	215502	35.10	ng	#	75
24) Nitrobenzene	6.98	77	158270	32.71	ng	#	61
25) Isophorone	7.23	82	295872	34.14	ng	#	86
26) 2-Nitrophenol	7.30	139	70928	33.63	ng	#	29
27) 2,4-Dimethylphenol	7.37	122	131984	36.23	ng	#	83
28) bis(2-Chloroethoxy)methane	7.46	93	174345	34.83	ng	#	93
29) 2,4-Dichlorophenol	7.55	162	118269	37.44	ng		95
30) 1,2,4-Trichlorobenzene	7.62	180	115194	33.57	ng	#	95
31) Naphthalene	7.70	128	426798	35.60	ng		98
32) Benzoic acid	7.52	122	84328	33.25	ng	#	55
33) 4-Chloroaniline	7.76	127	86167	17.62	ng	#	78
34) Hexachlorobutadiene	7.83	225	74642	35.74	ng		98
35) Caprolactam	8.14	113	41650m	42.99	ng		
36) 4-Chloro-3-methylphenol	8.26	107	135395	38.30	ng	#	70
37) 2-Methylnaphthalene	8.39	142	246621	31.61	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	120556	38.42	ng		98
40) Hexachlorocyclopentadiene	8.55	237	130355	84.66	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	73524	33.95	ng		99
43) 2,4,5-Trichlorophenol	8.72	196	80998	36.67	ng	#	81
45) 1,1'-Biphenyl	8.86	154	326115	35.73	ng		96
46) 2-Chloronaphthalene	8.88	162	229789	34.86	ng		97
47) 2-Nitroaniline	8.98	65	114225	42.52	ng	#	62
48) Acenaphthylene	9.28	152	391242	33.46	ng		97
49) Dimethylphthalate	9.18	163	303403	39.36	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	64510	36.87	ng	#	93
51) Acenaphthene	9.45	154	228703	34.38	ng		89
52) 3-Nitroaniline	9.39	138	52921	26.57	ng	#	72
53) 2,4-Dinitrophenol	9.51	184	66202	89.84	ng	#	80
54) Dibenzofuran	9.62	168	336240	34.61	ng	#	83
55) 4-Nitrophenol	9.58	139	87794	70.16	ng	#	1
56) 2,4-Dinitrotoluene	9.62	165	83050	37.28	ng	#	1
57) Fluorene	9.96	166	304795	41.35	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	70425	41.75	ng		94
59) Diethylphthalate	9.87	149	319453	39.40	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	134086	39.03	ng	#	82
61) 4-Nitroaniline	10.00	138	64791	32.20	ng	#	18
62) Azobenzene	10.12	77	378034	41.93	ng		88
64) 4,6-Dinitro-2-methylphenol	10.03	198	45030	39.76	ng		85
65) n-Nitrosodiphenylamine	10.09	169	265097	35.98	ng		90
66) 4-Bromophenyl-phenylether	10.44	248	70756	34.56	ng	#	82
67) Hexachlorobenzene	10.50	284	79257	37.03	ng	#	88
68) Atrazine	10.63	200	86220	40.44	ng		81
69) Pentachlorophenol	10.71	266	75894	73.61	ng		99
70) Phenanthrene	10.91	178	417451	37.08	ng		97
71) Anthracene	10.96	178	432666	37.41	ng		98
72) Carbazole	11.12	167	375028	34.56	ng		96
73) Di-n-butylphthalate	11.47	149	440119	34.34	ng	#	98
74) Fluoranthene	12.08	202	458659	37.64	ng		90
76) Benzidine	12.22	184	211769	28.40	ng		98
77) Pyrene	12.30	202	459734	35.73	ng		97
79) Butylbenzylphthalate	12.95	149	190829	34.10	ng	#	66
80) Benzo(a)anthracene	13.49	228	385846	34.88	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	87197	23.37	ng	#	93
82) Chrysene	13.52	228	346175	34.91	ng		95
83) Bis(2-ethylhexyl)phthalate	13.52	149	257733	34.90	ng	#	90
84) Di-n-octyl phthalate	14.13	149	441822	36.33	ng		98
85) Indeno(1,2,3-cd)pyrene	15.89	276	251355	34.54	ng	#	86
87) Benzo(b)fluoranthene	14.47	252	398964m	47.00	ng		
88) Benzo(k)fluoranthene	14.50	252	200016m	28.40	ng		
89) Benzo(a)pyrene	14.75	252	271707	37.78	ng	#	87
90) Dibenzo(a,h)anthracene	15.91	278	213270	38.37	ng	#	77
91) Benzo(g,h,i)perylene	16.21	276	203689	38.40	ng	#	77

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

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