Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080984.D
Acq On : 13 Aug 2015 17:00
Operator : UM/IZ
Sample : PB84980BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84980BS

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:08:47 PM

Quant Time: Aug 14 01:48:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	40303	20.00	ng		-0.06
21) Naphthalene-d8	8.03	136	142987	20.00	ng		-0.07
38) Acenaphthene-d10	9.79	164	55067	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	141905	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	111424	20.00	ng		-0.07
86) Perylene-d12	15.28	264	39272	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	284465	115.32	ng		-0.03
7) Phenol-d6	6.38	99	438666	129.78	ng		-0.06
23) Nitrobenzene-d5	7.32	82	285591	94.48	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	59386	98.16	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	435014	111.21	ng		-0.06
78) Terphenyl-d14	12.84	244	367320	68.09	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	27282	23.32	ng	#	87
3) Pyridine	3.02	79	100859	30.40	ng	#	85
4) n-Nitrosodimethylamine	2.97	42	71655	42.31	ng	#	76
6) Aniline	6.41	93	134964	27.18	ng	#	46
8) 2-Chlorophenol	6.53	128	110861	38.84	ng		89
9) Benzaldehyde	6.29	77	85588	37.56	ng		99
10) Phenol	6.41	94	140528	35.04	ng	#	55
11) bis(2-Chloroethyl)ether	6.49	93	95134	31.77	ng		89
12) 1,3-Dichlorobenzene	6.69	146	107737	35.57	ng		99
13) 1,4-Dichlorobenzene	6.76	146	103803m	32.98	ng		
14) 1,2-Dichlorobenzene	6.92	146	105573	37.10	ng		99
15) Benzyl Alcohol	6.90	79	116213	42.01	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	223475	37.10	ng		99
17) 2-Methylphenol	7.01	107	91334	37.49	ng	#	91
18) Hexachloroethane	7.26	117	43881	36.39	ng		91
19) n-Nitroso-di-n-propylamine	7.17	70	90569	36.66	ng		92
20) 3+4-Methylphenols	7.16	107	116562	38.08	ng	#	77
22) Acetophenone	7.16	105	151289	43.18	ng	#	98
24) Nitrobenzene	7.33	77	123340	39.63	ng		98
25) Isophorone	7.57	82	219319	37.73	ng	#	92
26) 2-Nitrophenol	7.65	139	53948	41.19	ng		97
27) 2,4-Dimethylphenol	7.70	122	106970	43.63	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	120742	34.60	ng		99
29) 2,4-Dichlorophenol	7.89	162	81348	40.38	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	81680	37.09	ng	#	93
31) Naphthalene	8.05	128	278645	35.35	ng		99
32) Benzoic acid	7.81	122	65329	44.51	ng	#	81
33) 4-Chloroaniline	8.11	127	81378	25.41	ng		96
34) Hexachlorobutadiene	8.18	225	48426	36.96	ng		100
35) Caprolactam	8.48	113	31486m	43.44	ng		
36) 4-Chloro-3-methylphenol	8.59	107	93130	37.88	ng		95
37) 2-Methylnaphthalene	8.75	142	193952	38.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	70671	41.63	ng	#	96
40) Hexachlorocyclopentadiene	8.90	237	86120	92.97	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	56713	45.58	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	51013	40.69	ng	#	69
45) 1,1'-Biphenyl	9.21	154	206319	43.66	ng		97
46) 2-Chloronaphthalene	9.23	162	149126	40.47	ng	#	91
47) 2-Nitroaniline	9.33	65	78213	52.94	ng		97
48) Acenaphthylene	9.65	152	258486	40.35	ng		99
49) Dimethylphthalate	9.52	163	178054	38.92	ng		100
50) 2,6-Dinitrotoluene	9.57	165	37220	39.39	ng		95
51) Acenaphthene	9.82	154	176056	44.88	ng		99
52) 3-Nitroaniline	9.74	138	30965	26.58	ng		84
53) 2,4-Dinitrophenol	9.85	184	43940	76.80	ng	#	79
54) Dibenzofuran	10.00	168	220704	41.60	ng		96
55) 4-Nitrophenol	9.90	139	59302	68.00	ng	#	31
56) 2,4-Dinitrotoluene	9.97	165	46735	36.96	ng	#	84
57) Fluorene	10.33	166	177854	43.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	44180m	44.52	ng		
59) Diethylphthalate	10.21	149	177583	37.30	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	88346	44.18	ng		97
61) 4-Nitroaniline	10.35	138	43343	36.16	ng		83
62) Azobenzene	10.49	77	234186	43.99	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	31581	35.91	ng		83
65) n-Nitrosodiphenylamine	10.44	169	159802	32.41	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	44309	29.48	ng	#	88
67) Hexachlorobenzene	10.88	284	49029	29.34	ng	#	63
68) Atrazine	10.98	200	53470	36.99	ng		99
69) Pentachlorophenol	11.07	266	58832	60.55	ng		98
70) Phenanthrene	11.29	178	294999	36.71	ng		99
71) Anthracene	11.33	178	292830	36.81	ng		99
72) Carbazole	11.49	167	283664	36.62	ng	#	97
73) Di-n-butylphthalate	11.84	149	367629	37.96	ng		99
74) Fluoranthene	12.46	202	281823	32.44	ng		99
76) Benzidine	12.59	184	166256	31.54	ng		98
77) Pyrene	12.69	202	277563	33.72	ng		99
79) Butylbenzylphthalate	13.32	149	151019	38.06	ng	#	70
80) Benzo(a)anthracene	13.88	228	287837	40.90	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	58561	22.87	ng	#	97
82) Chrysene	13.92	228	272863	40.49	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	207697	37.62	ng	#	93
84) Di-n-octyl phthalate	14.50	149	201471	21.52	ng		100
85) Indeno(1,2,3-cd)pyrene	16.58	276	86231	13.45	ng		97
87) Benzo(b)fluoranthene	14.89	252	122112m	44.72	ng		
88) Benzo(k)fluoranthene	14.91	252	102905m	43.07	ng		
89) Benzo(a)pyrene	15.22	252	104873	44.68	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	71954	34.66	ng		99
91) Benzo(g,h,i)perylene	16.98	276	67887	33.62	ng		95

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

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