Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080997.D
Acq On : 14 Aug 2015 1:21
Operator : UM/IZ
Sample : PB84967BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84967BS

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:09:51 PM

Quant Time: Aug 14 03:02:10 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	44134	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	139858	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	88426	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	169820	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	48379	20.00	ng		-0.07
86) Perylene-d12	15.28	264	41978	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	340431	126.03	ng		-0.02
7) Phenol-d6	6.40	99	425475	114.95	ng		-0.05
23) Nitrobenzene-d5	7.32	82	204927	69.31	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	82400	84.82	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	360056	57.32	ng		-0.06
78) Terphenyl-d14	12.84	244	280362	119.70	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	32288	25.20	ng	#	86
3) Pyridine	3.05	79	104657	28.80	ng		87
4) n-Nitrosodimethylamine	3.00	42	77607	41.84	ng	#	79
6) Aniline	6.41	93	125339	23.05	ng	#	1
8) 2-Chlorophenol	6.53	128	104646	33.48	ng	#	82
9) Benzaldehyde	6.29	77	70269	28.16	ng		98
10) Phenol	6.41	94	177146	40.34	ng	#	70
11) bis(2-Chloroethyl)ether	6.50	93	107146	32.68	ng		88
12) 1,3-Dichlorobenzene	6.69	146	116568	35.14	ng		97
13) 1,4-Dichlorobenzene	6.77	146	109755	31.84	ng		99
14) 1,2-Dichlorobenzene	6.92	146	95229	30.56	ng		99
15) Benzyl Alcohol	6.90	79	104967	34.65	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.04	45	183213	27.77	ng		100
17) 2-Methylphenol	7.01	107	68471	25.66	ng	#	89
18) Hexachloroethane	7.26	117	33978	25.73	ng		94
19) n-Nitroso-di-n-propylamine	7.17	70	70042	25.89	ng		88
20) 3+4-Methylphenols	7.17	107	100330	29.94	ng	#	83
22) Acetophenone	7.16	105	135826	39.64	ng		98
24) Nitrobenzene	7.33	77	88436	29.05	ng		97
25) Isophorone	7.58	82	175491	30.86	ng		95
26) 2-Nitrophenol	7.65	139	38896	30.36	ng	#	84
27) 2,4-Dimethylphenol	7.70	122	74880	31.22	ng		90
28) bis(2-Chloroethoxy)methane	7.79	93	104931	30.74	ng		97
29) 2,4-Dichlorophenol	7.89	162	62132	31.53	ng		92
30) 1,2,4-Trichlorobenzene	7.98	180	70390	32.68	ng		97
31) Naphthalene	8.06	128	242334	31.44	ng		99
32) Benzoic acid	7.82	122	48246	33.60	ng		87
33) 4-Chloroaniline	8.11	127	55316	17.66	ng		98
34) Hexachlorobutadiene	8.18	225	42187	32.92	ng		97
35) Caprolactam	8.49	113	25837m	36.45	ng		
36) 4-Chloro-3-methylphenol	8.60	107	81618	33.94	ng		92
37) 2-Methylnaphthalene	8.75	142	165628	33.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	66053	24.23	ng		98
40) Hexachlorocyclopentadiene	8.90	237	45833	30.81	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	46968	23.51	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	58625	29.12	ng	#	88
45) 1,1'-Biphenyl	9.22	154	187028	24.64	ng		99
46) 2-Chloronaphthalene	9.24	162	150927	25.51	ng		99
47) 2-Nitroaniline	9.33	65	65074	27.43	ng		93
48) Acenaphthylene	9.65	152	278004	27.03	ng		99
49) Dimethylphthalate	9.52	163	191631	26.09	ng		99
50) 2,6-Dinitrotoluene	9.57	165	31887	21.01	ng	#	78
51) Acenaphthene	9.82	154	231966	36.82	ng		99
52) 3-Nitroaniline	9.74	138	28122	15.03	ng		94
53) 2,4-Dinitrophenol	9.85	184	32450	38.64	ng	#	68
54) Dibenzofuran	10.00	168	304881	35.79	ng		97
55) 4-Nitrophenol	9.92	139	93834	67.01	ng		89
56) 2,4-Dinitrotoluene	9.98	165	69851	34.40	ng	#	73
57) Fluorene	10.34	166	214383	32.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	52458m	32.92	ng		
59) Diethylphthalate	10.21	149	246105	32.19	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	97666	30.42	ng		98
61) 4-Nitroaniline	10.35	138	47967	24.92	ng		88
62) Azobenzene	10.49	77	287783	33.66	ng		96
64) 4,6-Dinitro-2-methylphenol	10.38	198	24789	23.55	ng		92
65) n-Nitrosodiphenylamine	10.45	169	195227	33.09	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	52344	29.10	ng		93
67) Hexachlorobenzene	10.88	284	40551	20.28	ng	#	52
68) Atrazine	10.98	200	58223	33.66	ng		99
69) Pentachlorophenol	11.07	266	62163	53.46	ng		97
70) Phenanthrene	11.29	178	297687	30.96	ng		98
71) Anthracene	11.34	178	331074	34.78	ng		98
72) Carbazole	11.49	167	277220	29.91	ng	#	97
73) Di-n-butylphthalate	11.84	149	407770	35.18	ng		99
74) Fluoranthene	12.46	202	277573	26.70	ng		97
76) Benzidine	12.60	184	166836	Below Cal			97
77) Pyrene	12.69	202	226301	63.32	ng		99
79) Butylbenzylphthalate	13.32	149	65277	37.89	ng	#	69
80) Benzo(a)anthracene	13.88	228	108292	35.44	ng		98
81) 3,3'-Dichlorobenzidine	13.85	252	32841	29.54	ng		98
82) Chrysene	13.92	228	101855	34.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	91550	38.19	ng	#	93
84) Di-n-octyl phthalate	14.50	149	138777	34.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	86449	31.05	ng		97
87) Benzo(b)fluoranthene	14.89	252	93427m	32.01	ng		
88) Benzo(k)fluoranthene	14.91	252	83047m	32.52	ng		
89) Benzo(a)pyrene	15.22	252	85587	34.11	ng	#	98
90) Dibenzo(a,h)anthracene	16.61	278	73819	33.27	ng	#	96
91) Benzo(g,h,i)perylene	16.99	276	64792	30.02	ng	#	93

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

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