Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082768.D
Acq On : 6 Nov 2015 18:31
Operator : UM/IZ
Sample : PB86421BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:28 PM

Quant Time: Nov 07 03:19:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152450	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	563446	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	446306	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	575588	20.00	ng		0.00
75) Chrysene-d12	14.01	240	496874	20.00	ng		-0.01
86) Perylene-d12	15.44	264	484890	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1449775	147.97	ng		0.01
7) Phenol-d6	6.49	99	1508905	115.84	ng		0.01
23) Nitrobenzene-d5	7.41	82	1043183	80.56	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	423283	82.72	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2268422	72.85	ng		0.00
78) Terphenyl-d14	12.96	244	1871798	89.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	244266	57.78	ng		97
3) Pyridine	3.24	79	670077	54.62	ng		94
4) n-Nitrosodimethylamine	3.18	42	341596	56.14	ng	#	71
6) Aniline	6.51	93	312533	17.09	ng		99
8) 2-Chlorophenol	6.64	128	438172	40.34	ng		88
9) Benzaldehyde	6.38	77	45336	6.30	ng		98
10) Phenol	6.50	94	594556	40.23	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	439097	39.73	ng		87
12) 1,3-Dichlorobenzene	6.80	146	441343m	36.03	ng		
13) 1,4-Dichlorobenzene	6.86	146	445351	34.94	ng		98
14) 1,2-Dichlorobenzene	7.02	146	464417	40.07	ng		99
15) Benzyl Alcohol	6.99	79	417486	36.50	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	647693	39.95	ng		94
17) 2-Methylphenol	7.10	107	361062	39.25	ng		97
18) Hexachloroethane	7.37	117	171555	37.63	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	365671	38.19	ng		90
20) 3+4-Methylphenols	7.26	107	477835	39.95	ng		98
22) Acetophenone	7.26	105	633803	39.26	ng	#	90
24) Nitrobenzene	7.44	77	548844	41.45	ng		99
25) Isophorone	7.68	82	925206	38.62	ng		99
26) 2-Nitrophenol	7.76	139	221899	40.15	ng	#	59
27) 2,4-Dimethylphenol	7.79	122	380799	38.34	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	552045	40.85	ng		100
29) 2,4-Dichlorophenol	8.00	162	403932	45.00	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	385381	38.18	ng		98
31) Naphthalene	8.16	128	1157589	37.24	ng		99
32) Benzoic acid	7.92	122	265751	39.08	ng		94
33) 4-Chloroaniline	8.20	127	156421	11.68	ng		91
34) Hexachlorobutadiene	8.28	225	240488	38.07	ng		99
35) Caprolactam	8.57	113	131494m	46.47	ng		
36) 4-Chloro-3-methylphenol	8.69	107	531133	50.32	ng		90
37) 2-Methylnaphthalene	8.85	142	1140060	56.69	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	601682	41.02	ng		99
40) Hexachlorocyclopentadiene	9.01	237	692484	87.88	ng		99

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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	9.13	196	421006	38.46	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	415740	38.40	ng	#	89
45) 1,1'-Biphenyl	9.32	154	1227638	32.06	ng		98
46) 2-Chloronaphthalene	9.34	162	963015	32.24	ng		94
47) 2-Nitroaniline	9.42	65	371721	33.54	ng		91
48) Acenaphthylene	9.76	152	1934297	41.32	ng		100
49) Dimethylphthalate	9.62	163	1390988	38.04	ng		100
50) 2,6-Dinitrotoluene	9.68	165	340296	43.62	ng	#	85
51) Acenaphthene	9.93	154	1206735	40.67	ng		99
52) 3-Nitroaniline	9.84	138	156010	18.18	ng	#	84
53) 2,4-Dinitrophenol	9.95	184	337121	78.70	ng	#	20
54) Dibenzofuran	10.10	168	1299146	32.48	ng		93
55) 4-Nitrophenol	10.01	139	428890	65.15	ng	#	84
56) 2,4-Dinitrotoluene	10.08	165	330056	31.18	ng		98
57) Fluorene	10.44	166	958925	29.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	243461	27.55	ng		92
59) Diethylphthalate	10.32	149	957824	26.83	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	400979	24.74	ng	#	81
61) 4-Nitroaniline	10.45	138	189778	21.99	ng		90
62) Azobenzene	10.59	77	1055357	27.52	ng		90
64) 4,6-Dinitro-2-methylphenol	10.49	198	178274	43.47	ng		92
65) n-Nitrosodiphenylamine	10.56	169	829480	39.89	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	268710	38.77	ng	#	81
67) Hexachlorobenzene	10.99	284	301467	38.96	ng	#	80
68) Atrazine	11.08	200	277843	43.21	ng		98
69) Pentachlorophenol	11.18	266	402880	85.73	ng		99
70) Phenanthrene	11.40	178	1481896	44.33	ng		98
71) Anthracene	11.45	178	1256601	35.69	ng		99
72) Carbazole	11.61	167	1254235	40.69	ng		96
73) Di-n-butylphthalate	11.94	149	1407318	36.65	ng		99
74) Fluoranthene	12.58	202	1397688	38.97	ng		98
76) Benzidine	12.71	184	350114	21.02	ng		98
77) Pyrene	12.81	202	1414432	41.45	ng		99
79) Butylbenzylphthalate	13.44	149	623196	41.34	ng		99
80) Benzo(a)anthracene	14.00	228	1337638	43.05	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	266507	24.13	ng	#	97
82) Chrysene	14.04	228	1349530	47.42	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	922580	44.71	ng	#	98
84) Di-n-octyl phthalate	14.61	149	1488621	43.25	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1099643	44.87	ng		100
87) Benzo(b)fluoranthene	15.04	252	1400376m	44.99	ng		
88) Benzo(k)fluoranthene	15.06	252	917058m	33.21	ng		
89) Benzo(a)pyrene	15.38	252	1074350	39.84	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	942619	41.28	ng		99
91) Benzo(g,h,i)perylene	17.25	276	1327127	60.68	ng		99

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

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