Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086754.D
Acq On : 7 May 2016 5:39
Operator : UM/SJ
Sample : PB90336BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:27 PM

Quant Time: May 07 06:05:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	183193	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	769072	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	364564	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	617292	40.00	ng		-0.01
75) Chrysene-d12	13.85	240	382767	40.00	ng		-0.01
86) Perylene-d12	15.23	264	358033	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1218712	110.13	ng		0.00
7) Phenol-d6	6.37	99	1603415	107.57	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1188962	79.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	410883	115.21	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	1750123	78.69	ng		-0.01
78) Terphenyl-d14	12.81	244	1608972	84.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	182383	31.89	ng	#	73
3) Pyridine	3.05	79	520114	37.09	ng	#	71
4) n-Nitrosodimethylamine	2.97	42	355416	41.78	ng	#	51
6) Aniline	6.38	93	325038	17.67	ng	#	1
8) 2-Chlorophenol	6.50	128	515986	38.86	ng		92
9) Benzaldehyde	6.26	77	61020	8.21	ng		98
10) Phenol	6.38	94	684799	41.99	ng	#	69
11) bis(2-Chloroethyl)ether	6.45	93	505281	36.00	ng		86
12) 1,3-Dichlorobenzene	6.65	146	536874	38.08	ng		99
13) 1,4-Dichlorobenzene	6.73	146	545277	37.40	ng		99
14) 1,2-Dichlorobenzene	6.88	146	501074	39.47	ng		99
15) Benzyl Alcohol	6.86	79	423584	43.92	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1070220	37.29	ng	#	48
17) 2-Methylphenol	6.99	107	432842	40.48	ng	#	82
18) Hexachloroethane	7.22	117	218636	39.72	ng	#	85
19) n-Nitroso-di-n-propylamine	7.14	70	409017	40.16	ng	#	71
20) 3+4-Methylphenols	7.15	107	556381	44.44	ng	#	59
22) Acetophenone	7.13	105	732440	40.87	ng		99
24) Nitrobenzene	7.30	77	605313	39.12	ng		99
25) Isophorone	7.54	82	1085385	38.94	ng		98
26) 2-Nitrophenol	7.62	139	284776	41.25	ng	#	93
27) 2,4-Dimethylphenol	7.66	122	469304	38.71	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	662024	43.16	ng		98
29) 2,4-Dichlorophenol	7.87	162	430032	41.26	ng		90
30) 1,2,4-Trichlorobenzene	7.94	180	471002	40.51	ng		99
31) Naphthalene	8.02	128	1534487	39.05	ng		99
32) Benzoic acid	7.82	122	294452	59.76	ng	#	81
33) 4-Chloroaniline	8.08	127	135432	8.90	ng	#	94
34) Hexachlorobutadiene	8.13	225	267969	40.59	ng		98
35) Caprolactam	8.48	113	148432m	46.01	ng		
36) 4-Chloro-3-methylphenol	8.58	107	487014	40.96	ng		93
37) 2-Methylnaphthalene	8.70	142	945987m	40.81	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	426119	40.38	ng		98
40) Hexachlorocyclopentadiene	8.85	237	492490	99.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	285726	42.58	ng		96
43) 2,4,5-Trichlorophenol	9.05	196	304478	43.43	ng		96
45) 1,1'-Biphenyl	9.17	154	1237557	41.52	ng		97
46) 2-Chloronaphthalene	9.20	162	924561	40.20	ng		96
47) 2-Nitroaniline	9.30	65	301790	36.91	ng	#	73
48) Acenaphthylene	9.61	152	1339462	39.23	ng		99
49) Dimethylphthalate	9.48	163	1031926	37.97	ng		99
50) 2,6-Dinitrotoluene	9.55	165	236634	40.57	ng	#	65
51) Acenaphthene	9.78	154	868048	38.54	ng		99
52) 3-Nitroaniline	9.71	138	101984	15.38	ng	#	73
53) 2,4-Dinitrophenol	9.82	184	210062	84.54	ng		93
54) Dibenzofuran	9.95	168	1119200	40.09	ng		94
55) 4-Nitrophenol	9.90	139	285634	73.89	ng	#	60
56) 2,4-Dinitrotoluene	9.95	165	291754	40.37	ng	#	82
57) Fluorene	10.29	166	947012	41.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	246919	47.96	ng		97
59) Diethylphthalate	10.18	149	951085	36.97	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	401756	37.35	ng		95
61) 4-Nitroaniline	10.34	138	235926	37.03	ng	#	80
62) Azobenzene	10.44	77	1149746	40.34	ng		84
64) 4,6-Dinitro-2-methylphenol	10.35	198	143169	46.45	ng	#	21
65) n-Nitrosodiphenylamine	10.41	169	773676	39.47	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	265292	43.25	ng		97
67) Hexachlorobenzene	10.83	284	294792	39.41	ng	#	63
68) Atrazine	10.94	200	240994	40.12	ng		96
69) Pentachlorophenol	11.04	266	300602	82.60	ng		98
70) Phenanthrene	11.25	178	1402476	42.30	ng		100
71) Anthracene	11.30	178	1317124	37.93	ng		100
72) Carbazole	11.46	167	1147878	38.07	ng		98
73) Di-n-butylphthalate	11.79	149	1422398	39.74	ng	#	98
74) Fluoranthene	12.43	202	1358782	40.89	ng		96
76) Benzidine	12.57	184	360697	36.41	ng		96
77) Pyrene	12.66	202	1425722	46.72	ng		100
79) Butylbenzylphthalate	13.29	149	646489	50.58	ng		91
80) Benzo(a)anthracene	13.84	228	975851	45.08	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	155450	11.43	ng	#	97
82) Chrysene	13.88	228	1080481	46.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	773321	52.28	ng	#	99
84) Di-n-octyl phthalate	14.45	149	1373701	63.12	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.53	276	871885	44.00	ng		96
87) Benzo(b)fluoranthene	14.85	252	1086096m	50.48	ng		
88) Benzo(k)fluoranthene	14.88	252	751737m	37.09	ng		
89) Benzo(a)pyrene	15.17	252	838282	42.30	ng		97
90) Dibenzo(a,h)anthracene	16.55	278	740991	38.93	ng	#	95
91) Benzo(g,h,i)perylene	16.92	276	717627	35.91	ng	#	91

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

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