Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086834.D
Acq On : 9 May 2016 21:36
Operator : UM/SJ
Sample : PB90374BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Manual Integrations APPROVED
sohil
5/10/2016 11:06:00 AM

Quant Time: May 10 03:25:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	157982	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	653345	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	327323	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	630191	20.00	ng		0.00
75) Chrysene-d12	13.84	240	500257	20.00	ng		0.00
86) Perylene-d12	15.21	264	401366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1081356	115.92	ng		0.01
7) Phenol-d6	6.36	99	1559177	125.06	ng		0.00
23) Nitrobenzene-d5	7.26	82	974754	74.91	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	425225	122.71	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1580265	81.14	ng		0.00
78) Terphenyl-d14	12.79	244	1645436	69.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	142688	31.16	ng	#	69
3) Pyridine	2.94	79	380149	33.95	ng	#	64
4) n-Nitrosodimethylamine	2.89	42	311757	38.40	ng	#	52
6) Aniline	6.36	93	361324	23.96	ng	#	29
8) 2-Chlorophenol	6.49	128	435847	38.72	ng		97
9) Benzaldehyde	6.25	77	46092	6.38	ng		96
10) Phenol	6.37	94	567026	38.26	ng		83
11) bis(2-Chloroethyl)ether	6.44	93	456609	39.52	ng		96
12) 1,3-Dichlorobenzene	6.62	146	432325m	35.49	ng		
13) 1,4-Dichlorobenzene	6.70	146	444169m	35.75	ng		
14) 1,2-Dichlorobenzene	6.86	146	412379	38.09	ng		96
15) Benzyl Alcohol	6.85	79	389224	45.21	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.98	45	888983	35.39	ng		70
17) 2-Methylphenol	6.98	107	365748	40.83	ng	#	82
18) Hexachloroethane	7.20	117	172780	36.97	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	331261	38.02	ng	#	64
20) 3+4-Methylphenols	7.13	107	493867	42.22	ng	#	65
22) Acetophenone	7.12	105	638060	41.35	ng	#	95
24) Nitrobenzene	7.29	77	529678	39.57	ng		91
25) Isophorone	7.53	82	950760	39.38	ng		98
26) 2-Nitrophenol	7.60	139	227450	38.66	ng	#	67
27) 2,4-Dimethylphenol	7.65	122	381762	38.09	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	571911	43.92	ng		99
29) 2,4-Dichlorophenol	7.85	162	367642	41.68	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	387303	39.27	ng		98
31) Naphthalene	8.00	128	1226438	37.48	ng		99
32) Benzoic acid	7.80	122	238094	40.45	ng	#	84
33) 4-Chloroaniline	8.06	127	218729	17.20	ng		97
34) Hexachlorobutadiene	8.12	225	226049	39.50	ng		97
35) Caprolactam	8.44	113	126151m	42.03	ng		
36) 4-Chloro-3-methylphenol	8.57	107	457022	42.72	ng		94
37) 2-Methylnaphthalene	8.69	142	864102	45.17	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	339583	35.68	ng		97
40) Hexachlorocyclopentadiene	8.84	237	376308	83.31	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	250442	39.35	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	253069	38.45	ng	#	77
45) 1,1'-Biphenyl	9.16	154	1068131	41.03	ng		100
46) 2-Chloronaphthalene	9.18	162	802149	39.33	ng		98
47) 2-Nitroaniline	9.29	65	309650	41.54	ng	#	76
48) Acenaphthylene	9.60	152	1289598	42.98	ng		99
49) Dimethylphthalate	9.47	163	993921	39.80	ng		100
50) 2,6-Dinitrotoluene	9.53	165	198360	37.74	ng	#	73
51) Acenaphthene	9.77	154	789736	42.31	ng		98
52) 3-Nitroaniline	9.70	138	128580	23.24	ng	#	79
53) 2,4-Dinitrophenol	9.81	184	222303	82.51	ng		84
54) Dibenzofuran	9.94	168	1138007	47.50	ng		99
55) 4-Nitrophenol	9.89	139	291177	78.99	ng	#	69
56) 2,4-Dinitrotoluene	9.94	165	268865	41.34	ng	#	84
57) Fluorene	10.28	166	867731	42.47	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	233648	47.16	ng		95
59) Diethylphthalate	10.17	149	1011947	41.58	ng		96
60) 4-Chlorophenyl-phenylether	10.27	204	380499	42.13	ng		96
61) 4-Nitroaniline	10.32	138	218782	41.17	ng	#	71
62) Azobenzene	10.43	77	1163239	44.31	ng		87
64) 4,6-Dinitro-2-methylphenol	10.34	198	145283	37.11	ng	#	44
65) n-Nitrosodiphenylamine	10.40	169	805332	41.60	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	256157	40.09	ng	#	79
67) Hexachlorobenzene	10.82	284	284175	38.06	ng	#	80
68) Atrazine	10.93	200	276822	42.80	ng		96
69) Pentachlorophenol	11.02	266	297348	86.16	ng		98
70) Phenanthrene	11.23	178	1231872	36.63	ng		99
71) Anthracene	11.29	178	1439305	41.85	ng		100
72) Carbazole	11.45	167	1287419	43.54	ng		99
73) Di-n-butylphthalate	11.78	149	1544270	42.77	ng		99
74) Fluoranthene	12.41	202	1327377	38.37	ng		99
76) Benzidine	12.55	184	376467	29.52	ng		96
77) Pyrene	12.64	202	1294716	33.81	ng		100
79) Butylbenzylphthalate	13.27	149	581962	35.92	ng	#	71
80) Benzo(a)anthracene	13.83	228	1093651	38.94	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	220336	12.35	ng		98
82) Chrysene	13.86	228	936741	32.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	728326	37.38	ng		98
84) Di-n-octyl phthalate	14.43	149	1279300	39.63	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	837418	35.23	ng		96
87) Benzo(b)fluoranthene	14.83	252	1007861m	38.64	ng		
88) Benzo(k)fluoranthene	14.85	252	846868m	39.65	ng		
89) Benzo(a)pyrene	15.15	252	869996	38.67	ng	#	97
90) Dibenzo(a,h)anthracene	16.51	278	696476	36.73	ng		95
91) Benzo(g,h,i)perylene	16.89	276	701079	36.39	ng	#	92

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

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