Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087039.D
Acq On : 15 May 2016 00:32
Operator : UM/SJ
Sample : PB90536BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: May 16 05:52:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134007	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	549537	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	262588	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	499249	20.00	ng		0.00
75) Chrysene-d12	13.76	240	316281	20.00	ng		0.00
86) Perylene-d12	15.11	264	282993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	992729	125.46	ng		0.01
7) Phenol-d6	6.28	99	1297923	122.73	ng		0.00
23) Nitrobenzene-d5	7.19	82	895449	81.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	389507	140.11	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1426542	91.30	ng		0.00
78) Terphenyl-d14	12.71	244	1269325	85.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	144543	37.21	ng	#	65
3) Pyridine	2.78	79	410136	43.19	ng	#	55
4) n-Nitrosodimethylamine	2.74	42	304681	44.24	ng	#	47
6) Aniline	6.28	93	168365	13.16	ng	#	2
8) 2-Chlorophenol	6.40	128	389557	40.80	ng	#	78
9) Benzaldehyde	6.17	77	20405	3.33	ng		97
10) Phenol	6.30	94	541332	43.07	ng		79
11) bis(2-Chloroethyl)ether	6.36	93	381924	38.97	ng		96
12) 1,3-Dichlorobenzene	6.55	146	399539m	38.67	ng		
13) 1,4-Dichlorobenzene	6.63	146	412130	39.11	ng		94
14) 1,2-Dichlorobenzene	6.79	146	361380	39.35	ng		95
15) Benzyl Alcohol	6.78	79	355319	48.66	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	785516	36.86	ng		56
17) 2-Methylphenol	6.90	107	332801	43.80	ng	#	80
18) Hexachloroethane	7.12	117	160857	40.57	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	320182	43.32	ng	#	82
20) 3+4-Methylphenols	7.06	107	440525	44.39	ng	#	61
22) Acetophenone	7.04	105	577695	44.51	ng		96
24) Nitrobenzene	7.21	77	482076	42.82	ng		93
25) Isophorone	7.45	82	839079	41.32	ng		98
26) 2-Nitrophenol	7.53	139	203830	41.19	ng		95
27) 2,4-Dimethylphenol	7.59	122	355035	42.12	ng		93
28) bis(2-Chloroethoxy)methane	7.67	93	518016	47.29	ng		99
29) 2,4-Dichlorophenol	7.78	162	322086	43.41	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	346388	41.75	ng		97
31) Naphthalene	7.92	128	1091955	39.67	ng		99
32) Benzoic acid	7.74	122	175218	35.39	ng	#	81
33) 4-Chloroaniline	7.99	127	96031	8.98	ng	#	92
34) Hexachlorobutadiene	8.04	225	201026	41.76	ng		98
35) Caprolactam	8.36	113	102481m	40.60	ng		
36) 4-Chloro-3-methylphenol	8.49	107	351870	39.10	ng		88
37) 2-Methylnaphthalene	8.62	142	760073	47.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	298379	39.08	ng		98
40) Hexachlorocyclopentadiene	8.76	237	257940	71.18	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	210084	41.15	ng		97
43) 2,4,5-Trichlorophenol	8.96	196	202801	38.41	ng		96
45) 1,1'-Biphenyl	9.08	154	900963	43.14	ng		99
46) 2-Chloronaphthalene	9.10	162	662715	40.50	ng	#	92
47) 2-Nitroaniline	9.21	65	264278	44.19	ng	#	74
48) Acenaphthylene	9.51	152	1015363	42.19	ng		98
49) Dimethylphthalate	9.39	163	836913	41.78	ng		100
50) 2,6-Dinitrotoluene	9.45	165	164747	39.08	ng	#	66
51) Acenaphthene	9.68	154	632329	42.23	ng		99
52) 3-Nitroaniline	9.62	138	65562	14.77	ng		81
53) 2,4-Dinitrophenol	9.74	184	112653	54.95	ng	#	86
54) Dibenzofuran	9.85	168	928891	48.33	ng		90
55) 4-Nitrophenol	9.82	139	158799m	55.16	ng		
56) 2,4-Dinitrotoluene	9.86	165	234638	44.97	ng	#	82
57) Fluorene	10.19	166	671622	40.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	189746	47.74	ng		96
59) Diethylphthalate	10.09	149	844547	43.26	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	341484	48.94	ng		92
61) 4-Nitroaniline	10.24	138	166864	39.14	ng	#	69
62) Azobenzene	10.35	77	1025602	48.70	ng		88
64) 4,6-Dinitro-2-methylphenol	10.26	198	100936	32.54	ng	#	25
65) n-Nitrosodiphenylamine	10.32	169	689100	44.93	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	200479	39.61	ng	#	86
67) Hexachlorobenzene	10.74	284	253118	42.79	ng	#	90
68) Atrazine	10.86	200	188929	36.87	ng		95
69) Pentachlorophenol	10.95	266	208069	76.11	ng		98
70) Phenanthrene	11.15	178	1140665	42.81	ng		100
71) Anthracene	11.20	178	1062226	38.98	ng		100
72) Carbazole	11.37	167	1047702	44.73	ng		100
73) Di-n-butylphthalate	11.70	149	1230218	43.01	ng	#	99
74) Fluoranthene	12.33	202	1067113	38.94	ng		97
76) Benzidine	12.47	184	206480	25.61	ng		95
77) Pyrene	12.56	202	1167194	48.20	ng		99
79) Butylbenzylphthalate	13.19	149	494473	48.28	ng	#	74
80) Benzo(a)anthracene	13.75	228	815604	45.94	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	153800	13.63	ng	#	97
82) Chrysene	13.78	228	861753	47.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	618929	50.24	ng	#	95
84) Di-n-octyl phthalate	14.35	149	1008592	49.42	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.37	276	734250	48.86	ng		95
87) Benzo(b)fluoranthene	14.74	252	679903m	36.97	ng		
88) Benzo(k)fluoranthene	14.77	252	679180m	45.10	ng		
89) Benzo(a)pyrene	15.06	252	675553	42.59	ng	#	97
90) Dibenzo(a,h)anthracene	16.37	278	617065	46.15	ng		97
91) Benzo(g,h,i)perylene	16.73	276	618914	45.56	ng	#	92

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

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