Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086749.D
Acq On : 7 May 2016 3:16
Operator : UM/SJ
Sample : PB90223BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:22 PM

Quant Time: May 07 04:57:37 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	177640	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	745342	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	349376	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	594101	40.00	ng		-0.01
75) Chrysene-d12	13.85	240	390518	40.00	ng		-0.01
86) Perylene-d12	15.23	264	351282	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1221881	113.87	ng		0.00
7) Phenol-d6	6.37	99	1593016	110.21	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1177460	81.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	420307	122.98	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	1800437	84.47	ng		-0.01
78) Terphenyl-d14	12.81	244	1581149	81.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	157284	28.36	ng	#	74
3) Pyridine	3.06	79	422790	31.09	ng	#	71
4) n-Nitrosodimethylamine	2.96	42	332287	40.28	ng	#	49
6) Aniline	6.38	93	298416	16.73	ng	#	1
8) 2-Chlorophenol	6.50	128	477182	37.06	ng		90
9) Benzaldehyde	6.26	77	61367	8.51	ng		97
10) Phenol	6.38	94	532023	33.64	ng	#	55
11) bis(2-Chloroethyl)ether	6.45	93	457077	33.58	ng		86
12) 1,3-Dichlorobenzene	6.65	146	498141	36.43	ng		99
13) 1,4-Dichlorobenzene	6.73	146	509198	36.02	ng		99
14) 1,2-Dichlorobenzene	6.88	146	446541	36.27	ng		97
15) Benzyl Alcohol	6.86	79	405170	43.33	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.00	45	994839	35.75	ng		98
17) 2-Methylphenol	6.99	107	403303	38.90	ng	#	82
18) Hexachloroethane	7.22	117	199069	37.30	ng	#	85
19) n-Nitroso-di-n-propylamine	7.14	70	377837	38.26	ng	#	69
20) 3+4-Methylphenols	7.15	107	527947	43.49	ng	#	61
22) Acetophenone	7.13	105	677691	39.02	ng		98
24) Nitrobenzene	7.30	77	552580	36.85	ng		98
25) Isophorone	7.55	82	1000151	37.03	ng		96
26) 2-Nitrophenol	7.62	139	272779	40.77	ng	#	90
27) 2,4-Dimethylphenol	7.66	122	430216	36.62	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	602450	40.52	ng		99
29) 2,4-Dichlorophenol	7.87	162	397177	39.32	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	434547	38.56	ng		98
31) Naphthalene	8.02	128	1438976	37.79	ng		99
32) Benzoic acid	7.82	122	269274	56.86	ng	#	81
33) 4-Chloroaniline	8.08	127	120162	8.15	ng	#	94
34) Hexachlorobutadiene	8.13	225	249448	38.99	ng		98
35) Caprolactam	8.48	113	136833m	43.76	ng		
36) 4-Chloro-3-methylphenol	8.58	107	444430	38.56	ng		93
37) 2-Methylnaphthalene	8.70	142	884192	39.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	400934	39.65	ng		99
40) Hexachlorocyclopentadiene	8.85	237	472151	99.66	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	266685	41.47	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	287061	42.73	ng		95
45) 1,1'-Biphenyl	9.17	154	1154206	40.41	ng		97
46) 2-Chloronaphthalene	9.20	162	863855	39.19	ng		96
47) 2-Nitroaniline	9.30	65	287956	36.75	ng	#	73
48) Acenaphthylene	9.61	152	1249375	38.18	ng		99
49) Dimethylphthalate	9.48	163	983302	37.75	ng		99
50) 2,6-Dinitrotoluene	9.55	165	228493	40.88	ng	#	67
51) Acenaphthene	9.78	154	810786	37.56	ng		98
52) 3-Nitroaniline	9.72	138	88478	13.92	ng		95
53) 2,4-Dinitrophenol	9.82	184	204188	85.27	ng		93
54) Dibenzofuran	9.95	168	1058468	39.56	ng		93
55) 4-Nitrophenol	9.90	139	284744	76.86	ng	#	53
56) 2,4-Dinitrotoluene	9.95	165	282472	40.78	ng	#	87
57) Fluorene	10.29	166	904117	41.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	233939	47.41	ng		97
59) Diethylphthalate	10.18	149	899028	36.47	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	394816	38.30	ng		97
61) 4-Nitroaniline	10.34	138	222805	36.49	ng		82
62) Azobenzene	10.44	77	1104153	40.42	ng		83
64) 4,6-Dinitro-2-methylphenol	10.35	198	141370	47.32	ng	#	22
65) n-Nitrosodiphenylamine	10.41	169	733871	38.90	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	246084	41.68	ng		98
67) Hexachlorobenzene	10.83	284	278420	38.67	ng	#	63
68) Atrazine	10.94	200	228501	39.53	ng		96
69) Pentachlorophenol	11.04	266	286330	81.81	ng		99
70) Phenanthrene	11.25	178	1325167	41.53	ng		100
71) Anthracene	11.30	178	1256801	37.61	ng		100
72) Carbazole	11.46	167	1068823	36.83	ng		98
73) Di-n-butylphthalate	11.79	149	1376644	39.96	ng	#	98
74) Fluoranthene	12.43	202	1264527	39.54	ng		97
76) Benzidine	12.57	184	311338	31.90	ng	#	94
77) Pyrene	12.66	202	1347019	43.27	ng		99
79) Butylbenzylphthalate	13.29	149	610459	46.81	ng		89
80) Benzo(a)anthracene	13.84	228	937570	42.45	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	141926	10.23	ng	#	96
82) Chrysene	13.88	228	1027526	43.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	770815	51.08	ng		98
84) Di-n-octyl phthalate	14.45	149	1269567	57.17	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.53	276	818837	40.50	ng		95
87) Benzo(b)fluoranthene	14.85	252	1003993m	47.56	ng		
88) Benzo(k)fluoranthene	14.88	252	718413m	36.12	ng		
89) Benzo(a)pyrene	15.17	252	794804	40.88	ng		97
90) Dibenzo(a,h)anthracene	16.55	278	684260	36.64	ng		95
91) Benzo(g,h,i)perylene	16.92	276	666167	33.97	ng	#	93

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

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