Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086026.D
Acq On : 2 Apr 2016 22:05
Operator : UM/SJ
Sample : PB89347BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Apr 04 04:02:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB89347BS

Manual Integrations APPROVED
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4/4/2016 7:46:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105563	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	410292	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	198276	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	355308	20.00	ng		0.00
75) Chrysene-d12	13.93	240	228304	20.00	ng		0.00
86) Perylene-d12	15.33	264	196331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	777496	125.89	ng		0.01
7) Phenol-d6	6.42	99	912097	116.27	ng		0.00
23) Nitrobenzene-d5	7.34	82	589915	84.79	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	223249	119.96	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1077314	90.34	ng		0.00
78) Terphenyl-d14	12.88	244	906484	93.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	80345	27.44	ng		98
3) Pyridine	3.08	79	216799	33.07	ng		98
4) n-Nitrosodimethylamine	3.01	42	105134	36.48	ng		99
6) Aniline	6.44	93	210779	20.48	ng	#	76
8) 2-Chlorophenol	6.56	128	254229	34.52	ng		90
9) Benzaldehyde	6.32	77	124700	29.54	ng		89
10) Phenol	6.43	94	279417	31.23	ng		82
11) bis(2-Chloroethyl)ether	6.51	93	235015m	33.17	ng		
12) 1,3-Dichlorobenzene	6.72	146	266442	34.13	ng		98
13) 1,4-Dichlorobenzene	6.78	146	266035	33.08	ng		98
14) 1,2-Dichlorobenzene	6.94	146	263063	35.54	ng		100
15) Benzyl Alcohol	6.92	79	191209	37.68	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	296102	34.21	ng		90
17) 2-Methylphenol	7.05	107	209212	36.03	ng		96
18) Hexachloroethane	7.28	117	97382	32.92	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	180692	37.16	ng		98
20) 3+4-Methylphenols	7.20	107	269521	38.16	ng	#	82
22) Acetophenone	7.18	105	345316	35.80	ng	#	93
24) Nitrobenzene	7.36	77	257570	33.84	ng		96
25) Isophorone	7.60	82	481364	35.05	ng		99
26) 2-Nitrophenol	7.68	139	131959	36.24	ng	#	86
27) 2,4-Dimethylphenol	7.72	122	225501	34.48	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	318141	39.48	ng		99
29) 2,4-Dichlorophenol	7.93	162	205153	37.10	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	218492	35.20	ng		94
31) Naphthalene	8.08	128	717867	34.78	ng		99
32) Benzoic acid	7.86	122	133970	27.92	ng		98
33) 4-Chloroaniline	8.14	127	107887	12.94	ng		98
34) Hexachlorobutadiene	8.20	225	115354	34.57	ng		98
35) Caprolactam	8.51	113	74158m	42.27	ng		
36) 4-Chloro-3-methylphenol	8.62	107	224135	36.06	ng		93
37) 2-Methylnaphthalene	8.77	142	507668	37.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	194307	32.61	ng		99
40) Hexachlorocyclopentadiene	8.92	237	92478	50.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	142716	37.29	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	141511	36.42	ng		96
45) 1,1'-Biphenyl	9.23	154	548847	32.10	ng		99
46) 2-Chloronaphthalene	9.26	162	441072	35.59	ng		98
47) 2-Nitroaniline	9.37	65	140917	38.86	ng	#	77
48) Acenaphthylene	9.68	152	721795	36.36	ng		99
49) Dimethylphthalate	9.54	163	518515	35.28	ng		99
50) 2,6-Dinitrotoluene	9.61	165	124702	40.11	ng	#	75
51) Acenaphthene	9.85	154	433419	36.71	ng		99
52) 3-Nitroaniline	9.78	138	69188	18.46	ng		83
53) 2,4-Dinitrophenol	9.89	184	72357	44.72	ng	#	73
54) Dibenzofuran	10.02	168	637837	40.91	ng		99
55) 4-Nitrophenol	9.95	139	156574	70.87	ng		87
56) 2,4-Dinitrotoluene	10.01	165	140464	35.75	ng	#	34
57) Fluorene	10.36	166	497733	37.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	116834	40.39	ng		94
59) Diethylphthalate	10.24	149	530237	35.75	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	229110	36.93	ng		97
61) 4-Nitroaniline	10.38	138	119815	32.47	ng		85
62) Azobenzene	10.51	77	580179	40.84	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	62365	28.96	ng		92
65) n-Nitrosodiphenylamine	10.48	169	464682	41.82	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	142319	39.23	ng		93
67) Hexachlorobenzene	10.91	284	149345	39.81	ng		97
68) Atrazine	11.00	200	137663	38.34	ng		97
69) Pentachlorophenol	11.10	266	127025	72.25	ng		98
70) Phenanthrene	11.32	178	756765	39.04	ng		99
71) Anthracene	11.37	178	702532	34.60	ng		100
72) Carbazole	11.53	167	634282	36.34	ng		99
73) Di-n-butylphthalate	11.86	149	900286	41.63	ng		100
74) Fluoranthene	12.50	202	682610	33.86	ng		100
76) Benzidine	12.63	184	263600	32.73	ng		98
77) Pyrene	12.73	202	654696	40.69	ng		99
79) Butylbenzylphthalate	13.36	149	337417	46.58	ng		97
80) Benzo(a)anthracene	13.92	228	483621	35.94	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	100627	10.24	ng		99
82) Chrysene	13.95	228	456562	35.22	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	439433	45.70	ng		100
84) Di-n-octyl phthalate	14.52	149	703512	45.82	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	483785	46.00	ng		99
87) Benzo(b)fluoranthene	14.93	252	526661m	42.64	ng		
88) Benzo(k)fluoranthene	14.97	252	328706m	30.06	ng		
89) Benzo(a)pyrene	15.28	252	421374	38.51	ng		100
90) Dibenzo(a,h)anthracene	16.71	278	406493	46.17	ng		97
91) Benzo(g,h,i)perylene	17.11	276	391633	45.96	ng		95

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

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