Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085945.D
Acq On : 31 Mar 2016 23:41
Operator : UM/SJ
Sample : PB89327BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Manual Integrations APPROVED
Sohil
4/1/2016 9:46:40 PM

Quant Time: Apr 01 00:42:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110256	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	429685	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	204309	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	350512	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	197412	20.00	ng		-0.02
86) Perylene-d12	15.36	264	202388	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	684699	103.42	ng		0.00
7) Phenol-d6	6.44	99	837437	99.49	ng		-0.01
23) Nitrobenzene-d5	7.36	82	570234	74.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	191579	98.69	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	994806	81.35	ng		-0.01
78) Terphenyl-d14	12.89	244	693948	72.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	93514	29.58	ng		95
3) Pyridine	3.13	79	219419	28.95	ng		99
4) n-Nitrosodimethylamine	3.06	42	109773	36.18	ng		97
6) Aniline	6.46	93	170052	15.01	ng	#	81
8) 2-Chlorophenol	6.57	128	272481	35.42	ng		92
9) Benzaldehyde	6.33	77	135667	26.75	ng		93
10) Phenol	6.45	94	311893	32.71	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	250858	34.18	ng		97
12) 1,3-Dichlorobenzene	6.73	146	279389	33.73	ng		98
13) 1,4-Dichlorobenzene	6.80	146	284694	33.89	ng		99
14) 1,2-Dichlorobenzene	6.96	146	271036	34.62	ng		99
15) Benzyl Alcohol	6.94	79	194791	34.69	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	315624	32.42	ng		91
17) 2-Methylphenol	7.06	107	215570	35.01	ng	#	93
18) Hexachloroethane	7.29	117	102492	33.32	ng	#	79
19) n-Nitroso-di-n-propylamine	7.21	70	186420	36.99	ng		99
20) 3+4-Methylphenols	7.21	107	279591	37.76	ng	#	78
22) Acetophenone	7.20	105	361882	36.15	ng		94
24) Nitrobenzene	7.37	77	263744	33.53	ng		98
25) Isophorone	7.61	82	510612	34.74	ng		99
26) 2-Nitrophenol	7.69	139	136351	34.65	ng	#	87
27) 2,4-Dimethylphenol	7.74	122	247523	35.99	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	329587	39.35	ng		99
29) 2,4-Dichlorophenol	7.94	162	219414	37.95	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	227500	35.44	ng		94
31) Naphthalene	8.09	128	739086	34.14	ng		100
32) Benzoic acid	7.88	122	146532	32.08	ng		99
33) 4-Chloroaniline	8.16	127	79311	8.97	ng		98
34) Hexachlorobutadiene	8.22	225	118816	34.06	ng		99
35) Caprolactam	8.53	113	70882m	34.61	ng		
36) 4-Chloro-3-methylphenol	8.65	107	230652	34.15	ng	#	87
37) 2-Methylnaphthalene	8.79	142	525106	40.63	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	207760	34.29	ng		100
40) Hexachlorocyclopentadiene	8.94	237	93027	41.80	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	144696	35.36	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	145651	33.94	ng	#	95
45) 1,1'-Biphenyl	9.26	154	593650	34.43	ng		94
46) 2-Chloronaphthalene	9.28	162	463139	36.53	ng		98
47) 2-Nitroaniline	9.38	65	143336	36.98	ng		87
48) Acenaphthylene	9.69	152	738952	35.77	ng		99
49) Dimethylphthalate	9.56	163	518253	33.43	ng		99
50) 2,6-Dinitrotoluene	9.62	165	121669	36.47	ng		86
51) Acenaphthene	9.86	154	434141	34.41	ng		100
52) 3-Nitroaniline	9.80	138	60263	15.78	ng		85
53) 2,4-Dinitrophenol	9.91	184	83099	51.61	ng	#	73
54) Dibenzofuran	10.04	168	597392	36.58	ng		97
55) 4-Nitrophenol	9.97	139	131438	52.83	ng	#	83
56) 2,4-Dinitrotoluene	10.04	165	143026	33.73	ng	#	74
57) Fluorene	10.38	166	480527	35.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	113708	38.12	ng		96
59) Diethylphthalate	10.25	149	498747	32.57	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	209418	31.55	ng		93
61) 4-Nitroaniline	10.41	138	118885	32.55	ng		95
62) Azobenzene	10.53	77	547985	37.23	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	61782	30.10	ng	#	55
65) n-Nitrosodiphenylamine	10.49	169	434582	39.15	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	135531	37.79	ng		95
67) Hexachlorobenzene	10.93	284	138739	36.99	ng	#	91
68) Atrazine	11.02	200	117343	31.31	ng		96
69) Pentachlorophenol	11.12	266	111637	60.64	ng		97
70) Phenanthrene	11.34	178	684147	38.01	ng		100
71) Anthracene	11.40	178	685358	36.27	ng		98
72) Carbazole	11.54	167	564955	35.62	ng		99
73) Di-n-butylphthalate	11.88	149	775282	35.62	ng		100
74) Fluoranthene	12.53	202	594372	31.07	ng		91
76) Benzidine	12.65	184	232532	33.45	ng		97
77) Pyrene	12.76	202	593183	36.55	ng		99
79) Butylbenzylphthalate	13.37	149	281414	41.41	ng		94
80) Benzo(a)anthracene	13.95	228	427072	37.94	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	74306	9.51	ng	#	98
82) Chrysene	13.98	228	416969	36.77	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	352094	43.27	ng	#	95
84) Di-n-octyl phthalate	14.54	149	572596	47.33	ng		99
85) Indeno(1,2,3-cd)pyrene	16.75	276	467679	53.42	ng		99
87) Benzo(b)fluoranthene	14.96	252	414594m	32.52	ng		
88) Benzo(k)fluoranthene	14.99	252	380013m	33.06	ng		
89) Benzo(a)pyrene	15.31	252	409371	36.16	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	393507	37.41	ng		98
91) Benzo(g,h,i)perylene	17.15	276	381927	35.86	ng		99

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

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