Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089600.D
Acq On : 4 Aug 2016 21:56
Operator : UM/SJ
Sample : PB92672BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Manual Integrations APPROVED
sohil
8/5/2016 6:58:53 PM

Quant Time: Aug 05 02:02:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	46948	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	203661	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	98695	20.00	ng		0.00
63) Phenanthrene-d10	14.70	188	185100	20.00	ng		0.00
75) Chrysene-d12	18.39	240	138064	20.00	ng		0.00
86) Perylene-d12	20.05	264	98306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	351088	125.34	ng		0.04
7) Phenol-d6	6.98	99	462453	121.70	ng		0.00
23) Nitrobenzene-d5	8.35	82	291494	79.17	ng		-0.01
41) 2,4,6-Tribromophenol	13.59	330	99907	122.66	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	553899	72.94	ng		0.00
78) Terphenyl-d14	17.05	244	498050	71.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	44028	27.42	ng	#	80
3) Pyridine	2.40	79	106444	36.07	ng		98
4) n-Nitrosodimethylamine	2.38	42	43942	35.82	ng		97
6) Aniline	6.95	93	136758	27.77	ng		97
8) 2-Chlorophenol	7.12	128	143453	41.71	ng		99
9) Benzaldehyde	6.75	77	43339	31.44	ng		98
10) Phenol	7.00	94	185639	47.59	ng		98
11) bis(2-Chloroethyl)ether	7.08	93	132963	39.67	ng		95
12) 1,3-Dichlorobenzene	7.35	146	141458	37.87	ng		99
13) 1,4-Dichlorobenzene	7.47	146	139081	37.33	ng		98
14) 1,2-Dichlorobenzene	7.70	146	144347	36.76	ng		98
15) Benzyl Alcohol	7.74	79	114372	45.90	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.94	45	157015	36.79	ng		95
17) 2-Methylphenol	7.94	107	108035	43.50	ng		95
18) Hexachloroethane	8.23	117	56102	35.74	ng		94
19) n-Nitroso-di-n-propylamine	8.17	70	107821	39.28	ng		98
20) 3+4-Methylphenols	8.20	107	138710	44.25	ng		99
22) Acetophenone	8.14	105	158957	32.74	ng	#	100
24) Nitrobenzene	8.39	77	141046	40.33	ng		96
25) Isophorone	8.79	82	285642	40.51	ng		99
26) 2-Nitrophenol	8.89	139	66442	41.40	ng		97
27) 2,4-Dimethylphenol	9.03	122	123704	42.87	ng		100
28) bis(2-Chloroethoxy)methane	9.18	93	174233	40.85	ng		99
29) 2,4-Dichlorophenol	9.30	162	111284	40.76	ng		99
30) 1,2,4-Trichlorobenzene	9.40	180	120411	38.61	ng		98
31) Naphthalene	9.51	128	420058	38.81	ng		99
32) Benzoic acid	9.35	122	56493	31.16	ng		98
33) 4-Chloroaniline	9.67	127	48191	11.85	ng		96
34) Hexachlorobutadiene	9.72	225	65608	36.54	ng		99
35) Caprolactam	10.27	113	35282m	44.34	ng		
36) 4-Chloro-3-methylphenol	10.51	107	133968	42.21	ng		99
37) 2-Methylnaphthalene	10.63	142	261162	39.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	105540	28.45	ng		99
40) Hexachlorocyclopentadiene	10.89	237	99227	77.60	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	73875	40.38	ng		100
43) 2,4,5-Trichlorophenol	11.20	196	81455	41.66	ng		99
45) 1,1'-Biphenyl	11.40	154	301716	33.90	ng		100
46) 2-Chloronaphthalene	11.42	162	254257	38.10	ng		98
47) 2-Nitroaniline	11.62	65	81302	37.80	ng		99
48) Acenaphthylene	12.07	152	413634	37.63	ng		100
49) Dimethylphthalate	11.96	163	316925	40.97	ng		100
50) 2,6-Dinitrotoluene	12.04	165	67984	44.20	ng		95
51) Acenaphthene	12.35	154	246558	38.83	ng		99
52) 3-Nitroaniline	12.31	138	39527	21.49	ng	#	91
53) 2,4-Dinitrophenol	12.50	184	54280	79.86	ng		98
54) Dibenzofuran	12.64	168	379272	43.45	ng		99
55) 4-Nitrophenol	12.67	139	81623m	90.75	ng		
56) 2,4-Dinitrotoluene	12.70	165	93129	43.05	ng		91
57) Fluorene	13.19	166	296722	39.77	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	67693	45.60	ng		98
59) Diethylphthalate	13.11	149	326191	40.77	ng		98
60) 4-Chlorophenyl-phenylether	13.22	204	135807	39.70	ng		98
61) 4-Nitroaniline	13.31	138	64590	39.05	ng		94
62) Azobenzene	13.49	77	356917	46.13	ng		99
64) 4,6-Dinitro-2-methylphenol	13.37	198	45771	41.26	ng		83
65) n-Nitrosodiphenylamine	13.44	169	261851	41.89	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	76909	42.96	ng		97
67) Hexachlorobenzene	14.07	284	77717	39.46	ng		98
68) Atrazine	14.35	200	79321	45.44	ng		100
69) Pentachlorophenol	14.42	266	70115	82.99	ng		99
70) Phenanthrene	14.73	178	425166	42.24	ng		99
71) Anthracene	14.81	178	452902	41.97	ng		99
72) Carbazole	15.11	167	404407	44.97	ng		99
73) Di-n-butylphthalate	15.70	149	526963	43.32	ng		100
74) Fluoranthene	16.49	202	434889	42.03	ng		99
76) Benzidine	16.73	184	169887	40.59	ng		99
77) Pyrene	16.80	202	443159	36.31	ng		98
79) Butylbenzylphthalate	17.73	149	221687	42.68	ng		98
80) Benzo(a)anthracene	18.38	228	325575	41.04	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	62993	25.21	ng		99
82) Chrysene	18.42	228	340147	40.87	ng		100
83) Bis(2-ethylhexyl)phthalate	18.47	149	293353	40.79	ng		100
84) Di-n-octyl phthalate	19.25	149	469175	45.33	ng		100
85) Indeno(1,2,3-cd)pyrene	21.22	276	237015	37.51	ng		100
87) Benzo(b)fluoranthene	19.65	252	257242	42.55	ng		99
88) Benzo(k)fluoranthene	19.67	252	260838m	42.76	ng		
89) Benzo(a)pyrene	19.99	252	235281	41.56	ng		99
90) Dibenzo(a,h)anthracene	21.23	278	198613	37.56	ng		99
91) Benzo(g,h,i)perylene	21.57	276	195374	36.09	ng		94

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

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