Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
Data File : BF089542.D
Acq On : 2 Aug 2016 12:45
Operator : UM/SJ
Sample : PB92596BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92596BS

Quant Time: Aug 03 01:35:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 01:32:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	43485	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	182442	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	83810	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	159534	20.00	ng		0.00
75) Chrysene-d12	13.60	240	112320	20.00	ng		0.00
86) Perylene-d12	14.91	264	86702	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	337343	123.87	ng		0.02
7) Phenol-d6	6.15	99	449291	124.83	ng		0.01
23) Nitrobenzene-d5	7.05	82	284647	92.09	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	97480	140.44	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	550166	96.34	ng		0.00
78) Terphenyl-d14	12.56	244	485494	101.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	46691	37.63	ng	#	93
3) Pyridine	2.51	79	118636	44.52	ng		100
4) n-Nitrosodimethylamine	2.49	42	48829	45.07	ng		93
6) Aniline	6.14	93	118627	30.53	ng		95
8) 2-Chlorophenol	6.26	128	139344	45.23	ng		98
9) Benzaldehyde	6.01	77	54864	31.22	ng		94
10) Phenol	6.16	94	177978	44.81	ng		79
11) bis(2-Chloroethyl)ether	6.23	93	140673	41.69	ng		99
12) 1,3-Dichlorobenzene	6.41	146	133524m	41.44	ng		
13) 1,4-Dichlorobenzene	6.49	146	147152	41.38	ng		95
14) 1,2-Dichlorobenzene	6.64	146	137854m	41.38	ng		
15) Benzyl Alcohol	6.64	79	119676	53.58	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	156518	42.52	ng		88
17) 2-Methylphenol	6.76	107	107328	45.08	ng		97
18) Hexachloroethane	6.98	117	57671	42.30	ng	#	86
19) n-Nitroso-di-n-propylamine	6.91	70	110723	51.02	ng		96
20) 3+4-Methylphenols	6.92	107	140208	45.85	ng	#	84
22) Acetophenone	6.90	105	179414	41.31	ng		98
24) Nitrobenzene	7.07	77	136800	38.89	ng		98
25) Isophorone	7.31	82	272612	43.78	ng		99
26) 2-Nitrophenol	7.38	139	68629	43.64	ng	#	76
27) 2,4-Dimethylphenol	7.45	122	117904	47.06	ng		94
28) bis(2-Chloroethoxy)methane	7.53	93	164862	47.83	ng		99
29) 2,4-Dichlorophenol	7.63	162	110046	48.20	ng		93
30) 1,2,4-Trichlorobenzene	7.71	180	114845	44.09	ng		98
31) Naphthalene	7.78	128	425905	47.14	ng		100
32) Benzoic acid	7.61	122	65596	37.57	ng		96
33) 4-Chloroaniline	7.85	127	67049	19.49	ng		97
34) Hexachlorobutadiene	7.91	225	63744	42.73	ng		98
35) Caprolactam	8.23	113	32939m	47.80	ng		
36) 4-Chloro-3-methylphenol	8.35	107	127772	47.09	ng		99
37) 2-Methylnaphthalene	8.47	142	247333	45.43	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	97229	33.15	ng		99
40) Hexachlorocyclopentadiene	8.63	237	77875	91.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	70367	50.46	ng		97
43) 2,4,5-Trichlorophenol	8.81	196	82674	46.81	ng		97
45) 1,1'-Biphenyl	8.94	154	280883	39.36	ng		98
46) 2-Chloronaphthalene	8.96	162	252377	47.09	ng		97
47) 2-Nitroaniline	9.07	65	77457	48.81	ng		94
48) Acenaphthylene	9.37	152	381528	45.20	ng		100
49) Dimethylphthalate	9.26	163	299084	46.89	ng		100
50) 2,6-Dinitrotoluene	9.31	165	64042	48.87	ng	#	85
51) Acenaphthene	9.54	154	224650	45.57	ng		99
52) 3-Nitroaniline	9.48	138	36792	26.60	ng		95
53) 2,4-Dinitrophenol	9.60	184	56410	88.07	ng		93
54) Dibenzofuran	9.71	168	347884	51.79	ng		97
55) 4-Nitrophenol	9.68	139	54681m	81.09	ng		
56) 2,4-Dinitrotoluene	9.72	165	83525	48.41	ng	#	57
57) Fluorene	10.04	166	255829	43.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.84	232	65986	55.95	ng		99
59) Diethylphthalate	9.95	149	294211	45.50	ng	#	93
60) 4-Chlorophenyl-phenylether	10.04	204	114858	42.70	ng	#	78
61) 4-Nitroaniline	10.10	138	61910	43.43	ng		87
62) Azobenzene	10.20	77	335645	50.40	ng		96
64) 4,6-Dinitro-2-methylphenol	10.12	198	42350	44.35	ng	#	46
65) n-Nitrosodiphenylamine	10.17	169	229008	46.01	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	68492	44.97	ng	#	89
67) Hexachlorobenzene	10.59	284	73317	46.97	ng	#	87
68) Atrazine	10.71	200	70874	46.35	ng		98
69) Pentachlorophenol	10.80	266	65861	86.55	ng		97
70) Phenanthrene	11.00	178	379557	46.13	ng		98
71) Anthracene	11.05	178	424938	46.45	ng		100
72) Carbazole	11.21	167	355858	46.21	ng		98
73) Di-n-butylphthalate	11.55	149	430740	41.69	ng		99
74) Fluoranthene	12.17	202	390749	45.15	ng		95
76) Benzidine	12.31	184	135588	32.67	ng		96
77) Pyrene	12.40	202	410234	48.19	ng		99
79) Butylbenzylphthalate	13.04	149	204882	52.94	ng		90
80) Benzo(a)anthracene	13.59	228	303699	47.91	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	70178	30.77	ng	#	98
82) Chrysene	13.62	228	315683	46.79	ng		100
83) Bis(2-ethylhexyl)phthalate	13.60	149	261140	46.68	ng	#	99
84) Di-n-octyl phthalate	14.21	149	407302	46.66	ng		98
85) Indeno(1,2,3-cd)pyrene	16.08	276	223362	46.56	ng		99
87) Benzo(b)fluoranthene	14.58	252	282177m	52.41	ng		
88) Benzo(k)fluoranthene	14.61	252	204812m	41.37	ng		
89) Benzo(a)pyrene	14.87	252	212085	43.91	ng		100
90) Dibenzo(a,h)anthracene	16.09	278	187861	49.37	ng		95
91) Benzo(g,h,i)perylene	16.42	276	189268	50.60	ng		98

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

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