Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090057.D
Acq On : 12 Sep 2016 12:17
Operator : UM/SJ
Sample : PB93311BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93311BS

Quant Time: Sep 12 15:43:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 12 15:34:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	197264	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	785183	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	412487	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	792314	20.00	ng		0.00
75) Chrysene-d12	13.69	240	535844	20.00	ng		0.00
86) Perylene-d12	15.03	264	442958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	886791	71.96	ng		0.01
7) Phenol-d6	6.23	99	1077964	71.99	ng		0.00
23) Nitrobenzene-d5	7.15	82	1043767	77.10	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	320211	78.69	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	2007640	79.90	ng		0.00
78) Terphenyl-d14	12.66	244	1676811	77.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	196863	33.71	ng	#	93
3) Pyridine	2.71	79	584401	37.51	ng		91
4) n-Nitrosodimethylamine	2.67	42	273846	35.65	ng		98
6) Aniline	6.24	93	350645	17.16	ng	#	29
8) 2-Chlorophenol	6.36	128	548949	41.06	ng		93
9) Benzaldehyde	6.11	77	65425	6.77	ng		99
10) Phenol	6.24	94	591085	33.94	ng		85
11) bis(2-Chloroethyl)ether	6.32	93	547202	41.52	ng		93
12) 1,3-Dichlorobenzene	6.51	146	615698	41.23	ng	#	95
13) 1,4-Dichlorobenzene	6.59	146	629611	41.21	ng		96
14) 1,2-Dichlorobenzene	6.74	146	536595	39.18	ng		97
15) Benzyl Alcohol	6.73	79	377890	40.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	943567	37.55	ng		89
17) 2-Methylphenol	6.86	107	436251	40.86	ng		98
18) Hexachloroethane	7.08	117	206883	39.53	ng		94
19) n-Nitroso-di-n-propylamine	7.00	70	359791	36.87	ng		90
20) 3+4-Methylphenols	7.02	107	541711	41.85	ng	#	70
22) Acetophenone	6.99	105	657404	37.32	ng	#	91
24) Nitrobenzene	7.16	77	529271	36.77	ng		92
25) Isophorone	7.42	82	1039607	37.76	ng		98
26) 2-Nitrophenol	7.48	139	312763	45.46	ng		92
27) 2,4-Dimethylphenol	7.54	122	521396	40.97	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	682198	41.08	ng		99
29) 2,4-Dichlorophenol	7.74	162	475428	41.67	ng		90
30) 1,2,4-Trichlorobenzene	7.80	180	503538	40.37	ng		97
31) Naphthalene	7.88	128	1543444	39.46	ng		99
32) Benzoic acid	7.67	122	94583	11.03	ng		89
33) 4-Chloroaniline	7.94	127	181120	11.48	ng		98
34) Hexachlorobutadiene	8.01	225	293515	40.15	ng		97
35) Caprolactam	8.33	113	156547m	43.47	ng		
36) 4-Chloro-3-methylphenol	8.43	107	484171	40.07	ng	#	80
37) 2-Methylnaphthalene	8.58	142	1071373	41.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	405089	33.52	ng		99
40) Hexachlorocyclopentadiene	8.73	237	515459	83.19	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	325875	38.91	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	347878	43.20	ng		94
45) 1,1'-Biphenyl	9.04	154	1096766	33.02	ng		99
46) 2-Chloronaphthalene	9.06	162	986347	41.98	ng		97
47) 2-Nitroaniline	9.16	65	324735	42.28	ng	#	84
48) Acenaphthylene	9.47	152	1562734	40.23	ng		99
49) Dimethylphthalate	9.36	163	1174384	39.39	ng	#	98
50) 2,6-Dinitrotoluene	9.40	165	265141	39.99	ng	#	88
51) Acenaphthene	9.64	154	971525	39.47	ng		99
52) 3-Nitroaniline	9.58	138	174811	23.11	ng		80
53) 2,4-Dinitrophenol	9.68	184	171431	48.13	ng	#	87
54) Dibenzofuran	9.82	168	1361748	41.29	ng		100
55) 4-Nitrophenol	9.76	139	406592	71.28	ng		83
56) 2,4-Dinitrotoluene	9.80	165	308638	36.70	ng	#	72
57) Fluorene	10.16	166	1054324	43.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	311470	45.18	ng		94
59) Diethylphthalate	10.06	149	1657336	59.09	ng		95
60) 4-Chlorophenyl-phenylether	10.16	204	474613	41.85	ng		99
61) 4-Nitroaniline	10.18	138	276259	37.18	ng		91
62) Azobenzene	10.31	77	1069220	38.17	ng		98
64) 4,6-Dinitro-2-methylphenol	10.22	198	166598	32.84	ng	#	65
65) n-Nitrosodiphenylamine	10.27	169	875730	36.76	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	336547	42.19	ng		99
67) Hexachlorobenzene	10.70	284	333964	36.65	ng		95
68) Atrazine	10.81	200	276267	34.74	ng		99
69) Pentachlorophenol	10.89	266	324538	66.21	ng		99
70) Phenanthrene	11.11	178	1643597	41.66	ng		99
71) Anthracene	11.15	178	1580951	39.51	ng		100
72) Carbazole	11.31	167	1456939	38.83	ng		99
73) Di-n-butylphthalate	11.67	149	1776850	40.63	ng	#	98
74) Fluoranthene	12.28	202	1694131	40.97	ng		97
76) Benzidine	12.41	184	352842	17.38	ng	#	72
77) Pyrene	12.50	202	1541418	40.80	ng		99
79) Butylbenzylphthalate	13.14	149	695498	45.65	ng		95
80) Benzo(a)anthracene	13.68	228	1396848	42.56	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	162153	13.69	ng	#	98
82) Chrysene	13.73	228	1356119	44.23	ng		100
83) Bis(2-ethylhexyl)phthalate	13.70	149	846751	40.18	ng	#	94
84) Di-n-octyl phthalate	14.31	149	1423578	41.85	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.23	276	1069498	47.19	ng		99
87) Benzo(b)fluoranthene	14.67	252	1039152m	37.45	ng		
88) Benzo(k)fluoranthene	14.70	252	941156m	39.97	ng		
89) Benzo(a)pyrene	14.97	252	995864	41.89	ng	#	95
90) Dibenzo(a,h)anthracene	16.25	278	897700	51.53	ng		97
91) Benzo(g,h,i)perylene	16.58	276	922001	52.58	ng		96

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

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