Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090251.D
Acq On : 27 Sep 2016 14:37
Operator : UM/SJ
Sample : PB93621BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93621BS

Manual Integrations APPROVED
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9/28/2016 1:52:20 PM

Quant Time: Sep 27 18:18:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 27 17:01:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	155962	20.00	ng		-0.01
21) Naphthalene-d8	7.76	136	619288	20.00	ng		-0.01
38) Acenaphthene-d10	9.51	164	362169	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	561188	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	463031	20.00	ng		-0.01
86) Perylene-d12	14.90	264	419314	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	1016636	106.25	ng		0.02
7) Phenol-d6	6.14	99	1219824	103.23	ng		0.00
23) Nitrobenzene-d5	7.05	82	791480	74.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	343045	110.41	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1325418	71.85	ng		-0.01
78) Terphenyl-d14	12.56	244	1205960	66.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	128670	24.79	ng	#	96
3) Pyridine	2.55	79	299013	26.56	ng		100
4) n-Nitrosodimethylamine	2.50	42	120939	35.99	ng		94
6) Aniline	6.14	93	316820	21.51	ng	#	92
8) 2-Chlorophenol	6.26	128	367291	33.36	ng		81
9) Benzaldehyde	6.01	77	184397	35.81	ng		94
10) Phenol	6.15	94	440808	31.56	ng	#	75
11) bis(2-Chloroethyl)ether	6.23	93	380573	34.94	ng		90
12) 1,3-Dichlorobenzene	6.41	146	390391	33.94	ng		99
13) 1,4-Dichlorobenzene	6.49	146	399246	34.00	ng		99
14) 1,2-Dichlorobenzene	6.64	146	322978m	30.87	ng		
15) Benzyl Alcohol	6.64	79	283909	40.29	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.78	45	418427	32.14	ng		96
17) 2-Methylphenol	6.76	107	324270	37.39	ng		97
18) Hexachloroethane	6.98	117	137128	32.74	ng		95
19) n-Nitroso-di-n-propylamine	6.91	70	265569	38.26	ng		99
20) 3+4-Methylphenols	6.91	107	408775	39.26	ng		92
22) Acetophenone	6.90	105	524233	35.10	ng		98
24) Nitrobenzene	7.06	77	356034	31.98	ng		98
25) Isophorone	7.31	82	734437	32.91	ng		100
26) 2-Nitrophenol	7.38	139	187743	34.25	ng		95
27) 2,4-Dimethylphenol	7.44	122	335966	34.50	ng		96
28) bis(2-Chloroethoxy)methane	7.54	93	463366	34.32	ng		98
29) 2,4-Dichlorophenol	7.63	162	322290	37.73	ng		94
30) 1,2,4-Trichlorobenzene	7.71	180	306656	35.94	ng		96
31) Naphthalene	7.78	128	1037316	35.18	ng		100
32) Benzoic acid	7.60	122	245952	36.79	ng		94
33) 4-Chloroaniline	7.85	127	199097	16.28	ng	#	92
34) Hexachlorobutadiene	7.91	225	153053	34.01	ng		99
35) Caprolactam	8.23	113	121759m	43.07	ng		
36) 4-Chloro-3-methylphenol	8.34	107	350145	36.27	ng		100
37) 2-Methylnaphthalene	8.48	142	711301	38.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	244756	29.44	ng		98
40) Hexachlorocyclopentadiene	8.63	237	282935	68.97	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	206221	34.81	ng		98
43) 2,4,5-Trichlorophenol	8.80	196	212746	34.68	ng	#	87
45) 1,1'-Biphenyl	8.94	154	778150	30.03	ng		99
46) 2-Chloronaphthalene	8.96	162	638061	33.38	ng		99
47) 2-Nitroaniline	9.06	65	193176	33.52	ng		86
48) Acenaphthylene	9.37	152	1056803	34.04	ng		100
49) Dimethylphthalate	9.26	163	746553	32.36	ng		99
50) 2,6-Dinitrotoluene	9.31	165	191833	37.31	ng	#	75
51) Acenaphthene	9.54	154	638456	34.65	ng		99
52) 3-Nitroaniline	9.47	138	121868	20.22	ng		100
53) 2,4-Dinitrophenol	9.59	184	206591	72.16	ng		99
54) Dibenzofuran	9.71	168	884236	36.46	ng		97
55) 4-Nitrophenol	9.66	139	272499	65.99	ng		83
56) 2,4-Dinitrotoluene	9.71	165	222803	36.65	ng		93
57) Fluorene	10.04	166	692452	37.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	182631	39.77	ng		96
59) Diethylphthalate	9.95	149	784381	35.21	ng		98
60) 4-Chlorophenyl-phenylether	10.06	204	293359	35.20	ng	#	79
61) 4-Nitroaniline	10.09	138	209728	34.14	ng		99
62) Azobenzene	10.20	77	841857	36.30	ng		98
64) 4,6-Dinitro-2-methylphenol	10.12	198	122707	34.91	ng		79
65) n-Nitrosodiphenylamine	10.17	169	631320	34.21	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	200473	36.30	ng		93
67) Hexachlorobenzene	10.59	284	216052	33.57	ng		96
68) Atrazine	10.71	200	175017	34.61	ng		96
69) Pentachlorophenol	10.80	266	258412	70.74	ng		99
70) Phenanthrene	11.00	178	1018094	38.79	ng		99
71) Anthracene	11.05	178	1024181	37.21	ng		100
72) Carbazole	11.21	167	986623	33.90	ng		98
73) Di-n-butylphthalate	11.56	149	1308843	38.68	ng		98
74) Fluoranthene	12.17	202	951971	33.79	ng		100
76) Benzidine	12.31	184	397732	25.66	ng		97
77) Pyrene	12.40	202	1115223	35.20	ng		100
79) Butylbenzylphthalate	13.04	149	519948	33.55	ng	#	84
80) Benzo(a)anthracene	13.58	228	914121	36.69	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	248886	24.23	ng		99
82) Chrysene	13.61	228	737433	30.39	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	693903	34.99	ng	#	98
84) Di-n-octyl phthalate	14.22	149	1311339	38.38	ng		98
85) Indeno(1,2,3-cd)pyrene	16.06	276	778729	39.69	ng		97
87) Benzo(b)fluoranthene	14.57	252	941568m	40.55	ng		
88) Benzo(k)fluoranthene	14.59	252	671211m	30.80	ng		
89) Benzo(a)pyrene	14.86	252	764826	35.02	ng	#	95
90) Dibenzo(a,h)anthracene	16.07	278	645890	37.90	ng		99
91) Benzo(g,h,i)perylene	16.39	276	627463	37.61	ng		98

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

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