Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091336.D
Acq On : 29 Nov 2016 19:33
Operator : UM/SJ
Sample : PB94947BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94947BS

Manual Integrations APPROVED
sohil
11/30/2016 10:33:44 AM

Quant Time: Nov 30 00:59:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171295	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	665952	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	374999	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	603942	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	351923	20.00	ng		-0.03
86) Perylene-d12	15.44	264	340491	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1178384	112.38	ng		0.00
7) Phenol-d6	6.50	99	1644181	127.38	ng		0.00
23) Nitrobenzene-d5	7.43	82	990164	83.32	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	485159	136.66	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1940856	93.71	ng		0.00
78) Terphenyl-d14	12.97	244	1691989	104.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	163035	34.37	ng		88
3) Pyridine	3.26	79	476608	35.50	ng	#	84
4) n-Nitrosodimethylamine	3.21	42	301663	42.83	ng		97
6) Aniline	6.53	93	478379	27.90	ng	#	70
8) 2-Chlorophenol	6.65	128	508786	44.26	ng		92
9) Benzaldehyde	6.40	77	21886	2.64	ng		97
10) Phenol	6.52	94	688580	45.34	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	523995	48.28	ng		94
12) 1,3-Dichlorobenzene	6.80	146	517657m	40.48	ng		
13) 1,4-Dichlorobenzene	6.88	146	509316	40.04	ng		97
14) 1,2-Dichlorobenzene	7.04	146	508536	42.92	ng		94
15) Benzyl Alcohol	7.01	79	411207	39.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	987093	42.30	ng		71
17) 2-Methylphenol	7.12	107	381520	41.98	ng	#	76
18) Hexachloroethane	7.38	117	197148	43.65	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	330111	40.59	ng	#	96
20) 3+4-Methylphenols	7.27	107	485836	43.79	ng	#	68
22) Acetophenone	7.28	105	663121	42.01	ng	#	90
24) Nitrobenzene	7.45	77	552703	45.43	ng	#	79
25) Isophorone	7.69	82	968953	46.02	ng		98
26) 2-Nitrophenol	7.76	139	239706	43.23	ng		100
27) 2,4-Dimethylphenol	7.81	122	476592	45.95	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	576041	45.46	ng		100
29) 2,4-Dichlorophenol	8.01	162	412987	45.26	ng		90
30) 1,2,4-Trichlorobenzene	8.09	180	449586	43.95	ng		99
31) Naphthalene	8.17	128	1330699	42.04	ng		100
32) Benzoic acid	7.93	122	330511	43.23	ng		89
33) 4-Chloroaniline	8.22	127	101028	7.47	ng		96
34) Hexachlorobutadiene	8.30	225	282222	44.87	ng		98
35) Caprolactam	8.58	113	129308m	49.31	ng		
36) 4-Chloro-3-methylphenol	8.71	107	457392	46.43	ng		89
37) 2-Methylnaphthalene	8.87	142	936680	43.56	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	387426	36.65	ng		98
40) Hexachlorocyclopentadiene	9.02	237	543501	110.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	307485m	44.75	ng		
43) 2,4,5-Trichlorophenol	9.19	196	320405m	46.53	ng		
45) 1,1'-Biphenyl	9.33	154	1047165	38.83	ng		98
46) 2-Chloronaphthalene	9.35	162	810574	40.36	ng		98
47) 2-Nitroaniline	9.44	65	280020	38.82	ng	#	75
48) Acenaphthylene	9.77	152	1350621	42.72	ng		99
49) Dimethylphthalate	9.64	163	1054329	46.43	ng		98
50) 2,6-Dinitrotoluene	9.69	165	249088	49.08	ng	#	68
51) Acenaphthene	9.94	154	1023199	47.99	ng		96
52) 3-Nitroaniline	9.85	138	116044	19.75	ng		94
53) 2,4-Dinitrophenol	9.97	184	256342	115.50	ng	#	72
54) Dibenzofuran	10.12	168	1304030	45.68	ng		92
55) 4-Nitrophenol	10.01	139	355164	83.71	ng		95
56) 2,4-Dinitrotoluene	10.09	165	323672	49.17	ng	#	79
57) Fluorene	10.46	166	951052	43.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	280204	47.66	ng		96
59) Diethylphthalate	10.33	149	981663	43.80	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	452834	41.19	ng	#	89
61) 4-Nitroaniline	10.47	138	215232	39.02	ng		93
62) Azobenzene	10.61	77	1120358	48.99	ng		90
64) 4,6-Dinitro-2-methylphenol	10.49	198	156041	46.90	ng		89
65) n-Nitrosodiphenylamine	10.56	169	782346	42.73	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	323579	49.85	ng	#	81
67) Hexachlorobenzene	11.00	284	302864	43.18	ng	#	74
68) Atrazine	11.10	200	270580	45.63	ng		90
69) Pentachlorophenol	11.19	266	350634	84.91	ng		94
70) Phenanthrene	11.41	178	1357819	43.27	ng		99
71) Anthracene	11.46	178	1461493	46.92	ng		100
72) Carbazole	11.61	167	1134448	40.14	ng		99
73) Di-n-butylphthalate	11.96	149	1549782	48.38	ng		100
74) Fluoranthene	12.60	202	1394885	46.93	ng		99
76) Benzidine	12.71	184	392562	38.00	ng		98
77) Pyrene	12.82	202	1412828	52.90	ng		99
79) Butylbenzylphthalate	13.44	149	512903	51.29	ng	#	84
80) Benzo(a)anthracene	14.00	228	966379	46.95	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	233448	32.20	ng	#	98
82) Chrysene	14.05	228	1026288	50.40	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	695207	54.84	ng	#	91
84) Di-n-octyl phthalate	14.62	149	1065746	55.56	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1076465	57.72	ng		95
87) Benzo(b)fluoranthene	15.03	252	1020011m	48.20	ng		
88) Benzo(k)fluoranthene	15.07	252	703226m	39.51	ng		
89) Benzo(a)pyrene	15.39	252	836793	44.03	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	892758	50.79	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	920229	50.77	ng		98

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

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