Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091327.D
Acq On : 29 Nov 2016 15:16
Operator : UM/SJ
Sample : PB94895BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94895BS

Manual Integrations APPROVED
sohil
11/30/2016 10:33:21 AM

Quant Time: Nov 29 16:31:09 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	187976	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	723125	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	427305	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	653685	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	396260	20.00	ng		-0.03
86) Perylene-d12	15.44	264	402270	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1266225	110.04	ng		0.00
7) Phenol-d6	6.50	99	1766495	124.71	ng		0.00
23) Nitrobenzene-d5	7.43	82	1037049	80.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	490491	121.25	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2055133	87.08	ng		0.00
78) Terphenyl-d14	12.97	244	1681435	92.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	183533	35.26	ng		88
3) Pyridine	3.26	79	527657	35.82	ng	#	84
4) n-Nitrosodimethylamine	3.21	42	312457	40.42	ng		93
6) Aniline	6.53	93	567149	30.14	ng	#	71
8) 2-Chlorophenol	6.65	128	525253	41.63	ng		90
9) Benzaldehyde	6.40	77	34172	3.75	ng		99
10) Phenol	6.52	94	727355	43.64	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	526159	44.18	ng		97
12) 1,3-Dichlorobenzene	6.81	146	542393m	38.65	ng		
13) 1,4-Dichlorobenzene	6.88	146	522325	37.42	ng		96
14) 1,2-Dichlorobenzene	7.04	146	530296	40.78	ng		94
15) Benzyl Alcohol	7.01	79	433251	38.22	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1036954	40.50	ng		74
17) 2-Methylphenol	7.12	107	402234	40.33	ng	#	76
18) Hexachloroethane	7.38	117	209530	42.27	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	355847	39.88	ng	#	97
20) 3+4-Methylphenols	7.27	107	502914	41.31	ng	#	69
22) Acetophenone	7.28	105	690352	40.28	ng	#	88
24) Nitrobenzene	7.45	77	593612	44.93	ng	#	82
25) Isophorone	7.69	82	994964	43.52	ng		99
26) 2-Nitrophenol	7.76	139	249088	41.37	ng		99
27) 2,4-Dimethylphenol	7.81	122	491352	43.63	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	601508	43.71	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	412863	41.67	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	470730	42.38	ng		99
31) Naphthalene	8.17	128	1412345	41.10	ng		100
32) Benzoic acid	7.93	122	343826	41.41	ng		92
33) 4-Chloroaniline	8.22	127	316026	21.51	ng		98
34) Hexachlorobutadiene	8.30	225	296138	43.36	ng		99
35) Caprolactam	8.58	113	126027m	44.26	ng		
36) 4-Chloro-3-methylphenol	8.70	107	416905	38.98	ng		99
37) 2-Methylnaphthalene	8.87	142	974851	41.75	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	399873	33.20	ng		99
40) Hexachlorocyclopentadiene	9.02	237	529861	94.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	340985	43.55	ng		96
43) 2,4,5-Trichlorophenol	9.19	196	293392	37.40	ng		94
45) 1,1'-Biphenyl	9.33	154	1057772	34.43	ng		98
46) 2-Chloronaphthalene	9.35	162	835306	36.50	ng		99
47) 2-Nitroaniline	9.44	65	278261	33.86	ng	#	73
48) Acenaphthylene	9.77	152	1399679	38.86	ng		99
49) Dimethylphthalate	9.64	163	1052425	40.68	ng		98
50) 2,6-Dinitrotoluene	9.69	165	249664	43.17	ng	#	69
51) Acenaphthene	9.94	154	1040413	42.82	ng		95
52) 3-Nitroaniline	9.85	138	153696	22.96	ng		91
53) 2,4-Dinitrophenol	9.97	184	236342	93.46	ng	#	69
54) Dibenzofuran	10.12	168	1333173	40.98	ng		93
55) 4-Nitrophenol	10.01	139	320713	66.34	ng		97
56) 2,4-Dinitrotoluene	10.09	165	324249	43.22	ng	#	80
57) Fluorene	10.46	166	969812	38.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	285339	42.59	ng		94
59) Diethylphthalate	10.33	149	966371	37.84	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	441066	35.21	ng	#	88
61) 4-Nitroaniline	10.47	138	220415	35.07	ng		95
62) Azobenzene	10.61	77	1105472	42.42	ng		91
64) 4,6-Dinitro-2-methylphenol	10.49	198	146481	40.67	ng		85
65) n-Nitrosodiphenylamine	10.56	169	801885	40.46	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	323168	46.00	ng	#	81
67) Hexachlorobenzene	11.00	284	298638	39.33	ng	#	73
68) Atrazine	11.09	200	255353	39.78	ng		98
69) Pentachlorophenol	11.19	266	340411	76.16	ng		96
70) Phenanthrene	11.41	178	1308660	38.53	ng		99
71) Anthracene	11.46	178	1428309	42.37	ng		99
72) Carbazole	11.61	167	1124252	36.75	ng		99
73) Di-n-butylphthalate	11.96	149	1471041	42.43	ng		100
74) Fluoranthene	12.60	202	1341056	41.68	ng		99
76) Benzidine	12.71	184	267837	23.02	ng		99
77) Pyrene	12.82	202	1359667	45.21	ng		99
79) Butylbenzylphthalate	13.44	149	475643	42.24	ng		86
80) Benzo(a)anthracene	14.00	228	973888	42.03	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	241590	29.59	ng	#	98
82) Chrysene	14.05	228	991196	43.23	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	639653	44.81	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1011588	46.84	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1168287	55.64	ng		95
87) Benzo(b)fluoranthene	15.04	252	1063549m	42.54	ng		
88) Benzo(k)fluoranthene	15.07	252	744770m	35.42	ng		
89) Benzo(a)pyrene	15.39	252	893503	39.79	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	956379	46.05	ng		96
91) Benzo(g,h,i)perylene	17.28	276	994392	46.44	ng		98

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

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