Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091326.D
Acq On : 29 Nov 2016 14:48
Operator : UM/SJ
Sample : PB94900BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94900BS

Manual Integrations APPROVED
sohil
11/30/2016 10:33:24 AM

Quant Time: Nov 29 15:30:30 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	191311	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	769287	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	469673	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	764444	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	627614	20.00	ng		-0.02
86) Perylene-d12	15.45	264	494943	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1210359	103.35	ng		0.00
7) Phenol-d6	6.49	99	1711823	118.75	ng		0.00
23) Nitrobenzene-d5	7.43	82	1046750	76.25	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	508393	114.34	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1988601	76.66	ng		0.00
78) Terphenyl-d14	12.97	244	1920862	66.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	170920	32.26	ng	#	87
3) Pyridine	3.28	79	505927	33.75	ng	#	83
4) n-Nitrosodimethylamine	3.24	42	311577	39.61	ng		94
6) Aniline	6.53	93	410545	21.44	ng	#	70
8) 2-Chlorophenol	6.65	128	510215	39.74	ng		94
9) Benzaldehyde	6.40	77	40185	4.33	ng		94
10) Phenol	6.52	94	562209	33.14	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	502612	41.47	ng		91
12) 1,3-Dichlorobenzene	6.80	146	515910m	36.12	ng		
13) 1,4-Dichlorobenzene	6.88	146	526677	37.07	ng		98
14) 1,2-Dichlorobenzene	7.04	146	505350m	38.19	ng		
15) Benzyl Alcohol	7.01	79	452329	39.21	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	971266	37.27	ng		71
17) 2-Methylphenol	7.12	107	413791	40.77	ng	#	77
18) Hexachloroethane	7.38	117	201525	39.95	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	339492	37.38	ng	#	97
20) 3+4-Methylphenols	7.27	107	474049	38.26	ng	#	71
22) Acetophenone	7.28	105	679394	37.26	ng		96
24) Nitrobenzene	7.45	77	536925	38.20	ng	#	73
25) Isophorone	7.69	82	979845	40.29	ng		99
26) 2-Nitrophenol	7.76	139	240211	37.50	ng		100
27) 2,4-Dimethylphenol	7.81	122	491988	41.06	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	568738	38.85	ng		99
29) 2,4-Dichlorophenol	8.00	162	405388	38.46	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	461944	39.09	ng		99
31) Naphthalene	8.17	128	1393764	38.12	ng		100
32) Benzoic acid	7.93	122	354227	40.11	ng	#	83
33) 4-Chloroaniline	8.22	127	220882	14.13	ng		98
34) Hexachlorobutadiene	8.30	225	278872	38.38	ng		99
35) Caprolactam	8.58	113	136177m	44.95	ng		
36) 4-Chloro-3-methylphenol	8.70	107	445360	39.14	ng		97
37) 2-Methylnaphthalene	8.87	142	973847	39.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	410865	31.03	ng		99
40) Hexachlorocyclopentadiene	9.02	237	496918	80.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	359949	41.83	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	286253	33.19	ng	#	88
45) 1,1'-Biphenyl	9.33	154	1092170	32.34	ng		98
46) 2-Chloronaphthalene	9.35	162	825013	32.80	ng		98
47) 2-Nitroaniline	9.44	65	297281	32.91	ng	#	75
48) Acenaphthylene	9.77	152	1391890	35.15	ng		99
49) Dimethylphthalate	9.64	163	1104761	38.85	ng		98
50) 2,6-Dinitrotoluene	9.69	165	265370	41.75	ng	#	68
51) Acenaphthene	9.94	154	1050089	39.32	ng		94
52) 3-Nitroaniline	9.85	138	136695	18.58	ng		93
53) 2,4-Dinitrophenol	9.97	184	266083	95.72	ng	#	70
54) Dibenzofuran	10.12	168	1364970	38.17	ng		92
55) 4-Nitrophenol	10.01	139	430188	80.95	ng		98
56) 2,4-Dinitrotoluene	10.09	165	348846	42.31	ng	#	76
57) Fluorene	10.46	166	1014924	36.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	294906	40.05	ng		95
59) Diethylphthalate	10.33	149	1015255	36.17	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	456692	33.17	ng	#	88
61) 4-Nitroaniline	10.47	138	229638	33.24	ng		92
62) Azobenzene	10.61	77	1143243	39.91	ng		91
64) 4,6-Dinitro-2-methylphenol	10.49	198	170007	40.37	ng		92
65) n-Nitrosodiphenylamine	10.56	169	871587	37.61	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	331482	40.34	ng	#	83
67) Hexachlorobenzene	11.00	284	326324	36.75	ng	#	71
68) Atrazine	11.10	200	314591	41.91	ng		91
69) Pentachlorophenol	11.19	266	382784	73.23	ng		95
70) Phenanthrene	11.41	178	1491471	37.55	ng		99
71) Anthracene	11.46	178	1536412	38.97	ng		99
72) Carbazole	11.61	167	1266860	35.41	ng		99
73) Di-n-butylphthalate	11.96	149	1664238	41.05	ng		100
74) Fluoranthene	12.60	202	1551648	41.24	ng		99
76) Benzidine	12.71	184	320245	17.38	ng		99
77) Pyrene	12.82	202	1620706	34.03	ng		99
79) Butylbenzylphthalate	13.45	149	710304	39.83	ng	#	83
80) Benzo(a)anthracene	14.01	228	1284795	35.00	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	265039	20.50	ng	#	95
82) Chrysene	14.05	228	1280507	35.26	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	874361	38.68	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1389322	40.61	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1109381	33.36	ng		96
87) Benzo(b)fluoranthene	15.04	252	1212485	39.41	ng	#	96
88) Benzo(k)fluoranthene	15.07	252	959407m	37.09	ng		
89) Benzo(a)pyrene	15.40	252	1049361	37.98	ng	#	93
90) Dibenzo(a,h)anthracene	16.87	278	933665	36.54	ng	#	96
91) Benzo(g,h,i)perylene	17.28	276	956075	36.29	ng		97

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

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