Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091334.D
Acq On : 29 Nov 2016 18:37
Operator : UM/SJ
Sample : H5718-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 30 00:56:55 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

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPMMS

Manual Integrations APPROVED

sohil

11/30/2016 10:33:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	190666	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	736491	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	429812	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	672238	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	385292	20.00	ng		-0.02
86) Perylene-d12	15.44	264	373544	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1451368	124.35	ng		0.00
7) Phenol-d6	6.50	99	1924523	133.95	ng		0.00
23) Nitrobenzene-d5	7.43	82	1244718	94.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	527427	129.62	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2143974	90.32	ng		0.00
78) Terphenyl-d14	12.97	244	1689828	95.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	200641	38.00	ng	#	85
3) Pyridine	3.26	79	360776	24.15	ng	#	81
4) n-Nitrosodimethylamine	3.21	42	383334	48.89	ng		96
6) Aniline	6.54	93	454637	23.82	ng	#	69
8) 2-Chlorophenol	6.65	128	575797	45.00	ng		83
9) Benzaldehyde	6.41	77	42486m	4.60	ng		
10) Phenol	6.52	94	780470	46.17	ng		100
11) bis(2-Chloroethyl)ether	6.61	93	601237	49.77	ng		99
12) 1,3-Dichlorobenzene	6.81	146	642329m	45.12	ng		
13) 1,4-Dichlorobenzene	6.88	146	604832	42.72	ng		96
14) 1,2-Dichlorobenzene	7.04	146	628839	47.68	ng		95
15) Benzyl Alcohol	7.01	79	507054	44.10	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1241437	47.80	ng		73
17) 2-Methylphenol	7.12	107	467561	46.22	ng	#	76
18) Hexachloroethane	7.38	117	238153	47.37	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	471057	52.04	ng	#	89
20) 3+4-Methylphenols	7.28	107	607528	49.20	ng	#	60
22) Acetophenone	7.28	105	780325	44.70	ng	#	81
24) Nitrobenzene	7.45	77	703761	52.31	ng	#	88
25) Isophorone	7.69	82	1168021	50.17	ng		99
26) 2-Nitrophenol	7.77	139	313820	51.18	ng	#	72
27) 2,4-Dimethylphenol	7.81	122	529180	46.13	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	747139	53.31	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	532953	52.82	ng		93
30) 1,2,4-Trichlorobenzene	8.09	180	539252	47.67	ng		98
31) Naphthalene	8.17	128	1560876	44.59	ng		100
32) Benzoic acid	7.93	122	320790	37.94	ng		92
33) 4-Chloroaniline	8.23	127	105445	7.05	ng		98
34) Hexachlorobutadiene	8.30	225	338813	48.71	ng		98
35) Caprolactam	8.60	113	149135m	51.42	ng		
36) 4-Chloro-3-methylphenol	8.71	107	547215	50.23	ng		92
37) 2-Methylnaphthalene	8.87	142	1190860	50.08	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	469768	38.77	ng		99
40) Hexachlorocyclopentadiene	9.03	237	618778	110.17	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	381983	48.51	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	349230	44.25	ng	#	91
45) 1,1'-Biphenyl	9.33	154	1275004	41.25	ng		98
46) 2-Chloronaphthalene	9.35	162	1007309	43.76	ng		98
47) 2-Nitroaniline	9.45	65	383665	46.41	ng		95
48) Acenaphthylene	9.77	152	1647410	45.47	ng		99
49) Dimethylphthalate	9.64	163	1335685	51.32	ng		97
50) 2,6-Dinitrotoluene	9.69	165	278852	47.94	ng		92
51) Acenaphthene	9.94	154	1252622	51.25	ng		96
52) 3-Nitroaniline	9.85	138	121179	18.00	ng		90
53) 2,4-Dinitrophenol	9.97	184	332441	130.69	ng		89
54) Dibenzofuran	10.12	168	1487934	45.47	ng		96
55) 4-Nitrophenol	10.02	139	461591	94.92	ng		95
56) 2,4-Dinitrotoluene	10.09	165	326705	43.30	ng	#	58
57) Fluorene	10.46	166	1192290	47.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	325126	48.25	ng		97
59) Diethylphthalate	10.33	149	1105055	43.01	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	492511	39.09	ng	#	86
61) 4-Nitroaniline	10.47	138	223972	35.43	ng		86
62) Azobenzene	10.61	77	1243961	47.45	ng		89
64) 4,6-Dinitro-2-methylphenol	10.50	198	215686	58.24	ng	#	41
65) n-Nitrosodiphenylamine	10.57	169	987341	48.44	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	372722	51.58	ng	#	84
67) Hexachlorobenzene	11.01	284	373283	47.81	ng	#	90
68) Atrazine	11.10	200	340845	51.64	ng		96
69) Pentachlorophenol	11.19	266	410280	89.26	ng		94
70) Phenanthrene	11.42	178	1608332	46.04	ng		99
71) Anthracene	11.46	178	1523007	43.93	ng		100
72) Carbazole	11.61	167	1274565	40.52	ng		99
73) Di-n-butylphthalate	11.96	149	1721995	48.30	ng		100
74) Fluoranthene	12.60	202	1528038	46.18	ng		99
77) Pyrene	12.82	202	1506964	51.54	ng		100
79) Butylbenzylphthalate	13.45	149	595919	54.43	ng	#	80
80) Benzo(a)anthracene	14.00	228	1069746	47.48	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	237896	29.97	ng	#	98
82) Chrysene	14.05	228	1119276	50.20	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	761752	54.89	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1149351	54.73	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1226854	60.09	ng		95
87) Benzo(b)fluoranthene	15.03	252	1113297	47.95	ng		99
88) Benzo(k)fluoranthene	15.07	252	796865m	40.81	ng		
89) Benzo(a)pyrene	15.39	252	949750	45.55	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	1016501	52.71	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	1035036	52.05	ng		97

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

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