Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092018.D
Acq On : 29 Dec 2016 12:01
Operator : UM/SJ
Sample : PB95654BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95654BS

Manual Integrations APPROVED
Sohil
12/30/2016 8:41:42 AM

Quant Time: Dec 29 18:02:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	188444	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	803459	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	426959	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	721152	20.00	ng		-0.01
75) Chrysene-d12	13.85	240	530010	20.00	ng		-0.02
86) Perylene-d12	15.23	264	514517	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1507039	133.53	ng		-0.01
7) Phenol-d6	6.36	99	1617347	117.38	ng		-0.02
23) Nitrobenzene-d5	7.26	82	1016038	70.32	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	436393	123.50	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1769285	84.89	ng		-0.02
78) Terphenyl-d14	12.80	244	1655617	75.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	230381	41.46	ng		96
3) Pyridine	2.93	79	699927	36.09	ng		97
4) n-Nitrosodimethylamine	2.89	42	285901	39.08	ng		94
6) Aniline	6.36	93	252928	14.13	ng	#	76
8) 2-Chlorophenol	6.49	128	525497	40.93	ng		96
9) Benzaldehyde	6.24	77	63472	6.03	ng		96
10) Phenol	6.37	94	544361	34.67	ng		89
11) bis(2-Chloroethyl)ether	6.44	93	536407	42.94	ng		93
12) 1,3-Dichlorobenzene	6.64	146	547858	39.98	ng		98
13) 1,4-Dichlorobenzene	6.72	146	533635	38.26	ng		93
14) 1,2-Dichlorobenzene	6.86	146	500822	41.38	ng		100
15) Benzyl Alcohol	6.85	79	426799	39.86	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	729483	39.21	ng		76
17) 2-Methylphenol	6.98	107	430041	41.65	ng	#	91
18) Hexachloroethane	7.21	117	207994	40.22	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	391467	42.70	ng		98
20) 3+4-Methylphenols	7.14	107	597406	48.51	ng	#	73
22) Acetophenone	7.12	105	795418	40.14	ng	#	90
24) Nitrobenzene	7.29	77	619886	40.28	ng	#	87
25) Isophorone	7.53	82	1084276	40.67	ng		97
26) 2-Nitrophenol	7.61	139	289635	38.16	ng	#	78
27) 2,4-Dimethylphenol	7.65	122	450214	35.77	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	692335	42.83	ng		99
29) 2,4-Dichlorophenol	7.86	162	445726	41.82	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	466938	39.98	ng		97
31) Naphthalene	8.01	128	1526377	41.51	ng		98
32) Benzoic acid	7.80	122	346585	37.12	ng		98
33) 4-Chloroaniline	8.06	127	138582	8.36	ng		94
34) Hexachlorobutadiene	8.12	225	241628	39.19	ng		99
35) Caprolactam	8.44	113	150293m	42.91	ng		
36) 4-Chloro-3-methylphenol	8.57	107	478462	39.01	ng		97
37) 2-Methylnaphthalene	8.69	142	954512	41.73	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	441052	40.89	ng		98
40) Hexachlorocyclopentadiene	8.85	237	451215	93.23	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	306718	40.66	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	324117	41.75	ng	#	90
45) 1,1'-Biphenyl	9.16	154	1233409	42.19	ng		98
46) 2-Chloronaphthalene	9.18	162	952613	41.15	ng		96
47) 2-Nitroaniline	9.29	65	305426	37.05	ng		100
48) Acenaphthylene	9.60	152	1370427	38.49	ng		99
49) Dimethylphthalate	9.47	163	1073398	39.31	ng		99
50) 2,6-Dinitrotoluene	9.53	165	239399	40.05	ng	#	60
51) Acenaphthene	9.77	154	881733	36.53	ng		99
52) 3-Nitroaniline	9.70	138	117693	15.91	ng		93
53) 2,4-Dinitrophenol	9.81	184	268728	80.80	ng	#	73
54) Dibenzofuran	9.94	168	1172510	35.97	ng		98
55) 4-Nitrophenol	9.89	139	350767	69.84	ng		91
56) 2,4-Dinitrotoluene	9.94	165	343740	45.82	ng		97
57) Fluorene	10.28	166	959137	40.44	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	256439	41.76	ng		97
59) Diethylphthalate	10.17	149	1031056	38.88	ng		100
60) 4-Chlorophenyl-phenylether	10.28	204	458075	44.11	ng	#	80
61) 4-Nitroaniline	10.32	138	246179	32.12	ng		99
62) Azobenzene	10.44	77	1251977	42.88	ng		86
64) 4,6-Dinitro-2-methylphenol	10.35	198	188378	43.20	ng		91
65) n-Nitrosodiphenylamine	10.40	169	851784	39.80	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	283958	37.85	ng		94
67) Hexachlorobenzene	10.83	284	327004	40.78	ng		99
68) Atrazine	10.93	200	271604	39.35	ng		96
69) Pentachlorophenol	11.04	266	316540	80.45	ng		99
70) Phenanthrene	11.24	178	1622085	41.48	ng		98
71) Anthracene	11.29	178	1414736	39.00	ng		99
72) Carbazole	11.45	167	1331773	39.06	ng		99
73) Di-n-butylphthalate	11.79	149	1819261	49.51	ng	#	97
74) Fluoranthene	12.42	202	1464429	42.47	ng		98
76) Benzidine	12.55	184	366583	23.97	ng		97
77) Pyrene	12.65	202	1469595	37.79	ng		99
79) Butylbenzylphthalate	13.28	149	684999	38.73	ng		98
80) Benzo(a)anthracene	13.84	228	1307972	43.72	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	212351	18.72	ng		98
82) Chrysene	13.87	228	1126863	37.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	888272	42.65	ng		99
84) Di-n-octyl phthalate	14.45	149	1705087	44.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.53	276	1055426	40.60	ng		98
87) Benzo(b)fluoranthene	14.85	252	1567944m	48.95	ng		
88) Benzo(k)fluoranthene	14.88	252	851038m	31.16	ng		
89) Benzo(a)pyrene	15.17	252	1129547	39.73	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	871053	37.27	ng		98
91) Benzo(g,h,i)perylene	16.92	276	871005	35.84	ng	#	95

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

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