Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084304.D
Acq On : 7 Jan 2016 10:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
1/8/2016 10:42:51 AM

Quant Time: Jan 08 00:51:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	286651	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1162299	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	556494	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	1006203	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	779266	20.00	ng		-0.03
86) Perylene-d12	15.46	264	654600	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1364771	77.01	ng		-0.02
7) Phenol-d6	6.52	99	1838022	82.58	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1734029	83.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	446523	79.48	ng		-0.03
44) 2-Fluorobiphenyl	9.24	172	2717654	85.98	ng		-0.02
78) Terphenyl-d14	12.98	244	2376200	68.07	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	341995	40.74	ng	#	75
3) Pyridine	3.18	79	1009907	43.15	ng	#	76
4) n-Nitrosodimethylamine	3.14	42	484242	40.30	ng	#	76
6) Aniline	6.53	93	1183434	36.35	ng	#	49
8) 2-Chlorophenol	6.66	128	847845	42.17	ng		92
9) Benzaldehyde	6.42	77	573951	39.60	ng		95
10) Phenol	6.53	94	1066992	42.16	ng		73
11) bis(2-Chloroethyl)ether	6.61	93	864188	44.08	ng		87
12) 1,3-Dichlorobenzene	6.81	146	800747m	38.61	ng		
13) 1,4-Dichlorobenzene	6.89	146	861643	41.43	ng		97
14) 1,2-Dichlorobenzene	7.05	146	782436	39.28	ng		96
15) Benzyl Alcohol	7.02	79	748939	40.00	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1344036	37.65	ng		87
17) 2-Methylphenol	7.14	107	664468	39.43	ng		93
18) Hexachloroethane	7.38	117	336484	40.46	ng	#	89
19) n-Nitroso-di-n-propylamine	7.30	70	614049	40.75	ng	#	78
20) 3+4-Methylphenols	7.30	107	805765	40.68	ng	#	85
22) Acetophenone	7.29	105	1088250	38.94	ng	#	91
24) Nitrobenzene	7.46	77	821426	38.78	ng		96
25) Isophorone	7.70	82	1560523	39.07	ng		99
26) 2-Nitrophenol	7.78	139	468847	48.64	ng		96
27) 2,4-Dimethylphenol	7.82	122	837555	42.92	ng		93
28) bis(2-Chloroethoxy)methane	7.92	93	1058903	43.40	ng		97
29) 2,4-Dichlorophenol	8.02	162	625057	38.46	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	687643	40.98	ng		97
31) Naphthalene	8.18	128	2018436	38.28	ng		98
32) Benzoic acid	7.94	122	398541	33.86	ng		94
33) 4-Chloroaniline	8.24	127	1085119	44.88	ng		95
34) Hexachlorobutadiene	8.30	225	402701	41.75	ng		98
35) Caprolactam	8.61	113	207049	37.79	ng	#	43
36) 4-Chloro-3-methylphenol	8.72	107	704713	38.71	ng		90
37) 2-Methylnaphthalene	8.88	142	1495380	39.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	655827	40.99	ng		98
40) Hexachlorocyclopentadiene	9.02	237	388827	40.26	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	438713	36.65	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	478234	41.68	ng		95
45) 1,1'-Biphenyl	9.33	154	1622651	36.69	ng		98
46) 2-Chloronaphthalene	9.36	162	1238124	35.64	ng		98
47) 2-Nitroaniline	9.46	65	515961	45.00	ng		95
48) Acenaphthylene	9.78	152	2134219	41.58	ng		97
49) Dimethylphthalate	9.64	163	1481689	37.24	ng	#	89
50) 2,6-Dinitrotoluene	9.70	165	318895	36.55	ng	#	45
51) Acenaphthene	9.95	154	1463280	42.50	ng		98
52) 3-Nitroaniline	9.87	138	373064	34.50	ng		97
53) 2,4-Dinitrophenol	9.97	184	154974	43.40	ng		89
54) Dibenzofuran	10.12	168	1936614	43.32	ng		96
55) 4-Nitrophenol	10.04	139	336749	42.91	ng	#	86
56) 2,4-Dinitrotoluene	10.10	165	420497	38.08	ng	#	82
57) Fluorene	10.46	166	1458058	42.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	361335	36.88	ng		96
59) Diethylphthalate	10.34	149	1516731	38.67	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	636801	43.51	ng		94
61) 4-Nitroaniline	10.49	138	408412	42.37	ng		93
62) Azobenzene	10.61	77	1710650	39.76	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	234633	38.18	ng		91
65) n-Nitrosodiphenylamine	10.58	169	1326119	41.22	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	451130	41.66	ng	#	90
67) Hexachlorobenzene	11.00	284	460102	37.75	ng	#	78
68) Atrazine	11.10	200	407408	38.70	ng		97
69) Pentachlorophenol	11.21	266	204199	32.31	ng		98
70) Phenanthrene	11.42	178	2256658	42.88	ng		96
71) Anthracene	11.47	178	1949860	37.79	ng		96
72) Carbazole	11.63	167	1901217	37.69	ng		97
73) Di-n-butylphthalate	11.96	149	2214262	40.15	ng	#	95
74) Fluoranthene	12.60	202	2111888	38.41	ng		97
76) Benzidine	12.73	184	952254	34.08	ng		100
77) Pyrene	12.83	202	2178823	35.63	ng		97
79) Butylbenzylphthalate	13.46	149	1080374	40.83	ng		96
80) Benzo(a)anthracene	14.02	228	1639378	35.83	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	633152	39.65	ng	#	94
82) Chrysene	14.07	228	1701148	38.69	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1335666	39.95	ng	#	96
84) Di-n-octyl phthalate	14.63	149	2201408	39.00	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.87	276	1549165	44.45	ng		100
87) Benzo(b)fluoranthene	15.05	252	1943566m	45.39	ng		
88) Benzo(k)fluoranthene	15.08	252	1132723m	32.34	ng		
89) Benzo(a)pyrene	15.40	252	1446809	39.83	ng	#	97
90) Dibenzo(a,h)anthracene	16.89	278	1276609	40.85	ng		96
91) Benzo(g,h,i)perylene	17.30	276	1309269	40.45	ng		96

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

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