Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084317.D
Acq On : 8 Jan 2016 00:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
1/8/2016 10:43:02 AM

Quant Time: Jan 08 01:28:34 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	325567	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1300582	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	608455	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	1080006	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	858417	20.00	ng		-0.03
86) Perylene-d12	15.46	264	726417	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1432278	71.16	ng		-0.02
7) Phenol-d6	6.52	99	2025374	80.12	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1937234	82.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	487107	79.30	ng		-0.03
44) 2-Fluorobiphenyl	9.24	172	2934189	84.82	ng		-0.02
78) Terphenyl-d14	12.98	244	2406753	62.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	374050	39.23	ng	#	76
3) Pyridine	3.17	79	1077878	40.55	ng	#	71
4) n-Nitrosodimethylamine	3.14	42	535346	39.23	ng		81
6) Aniline	6.53	93	1311662	35.47	ng	#	45
8) 2-Chlorophenol	6.66	128	920044	40.29	ng		94
9) Benzaldehyde	6.42	77	640479	38.91	ng		97
10) Phenol	6.53	94	1222357	42.53	ng		77
11) bis(2-Chloroethyl)ether	6.61	93	943473	42.37	ng		86
12) 1,3-Dichlorobenzene	6.81	146	880562m	37.38	ng		
13) 1,4-Dichlorobenzene	6.89	146	926675	39.23	ng		97
14) 1,2-Dichlorobenzene	7.05	146	867924	38.36	ng		96
15) Benzyl Alcohol	7.02	79	838680	39.44	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1472457	36.32	ng		86
17) 2-Methylphenol	7.14	107	750507	39.21	ng		95
18) Hexachloroethane	7.38	117	372937	39.48	ng	#	88
19) n-Nitroso-di-n-propylamine	7.30	70	671668	39.25	ng	#	74
20) 3+4-Methylphenols	7.30	107	864610	38.43	ng	#	85
22) Acetophenone	7.29	105	1182585	37.81	ng	#	90
24) Nitrobenzene	7.46	77	863073	36.41	ng		95
25) Isophorone	7.70	82	1741271	38.96	ng		98
26) 2-Nitrophenol	7.78	139	518151	48.03	ng		97
27) 2,4-Dimethylphenol	7.82	122	908998	41.63	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	1163235	42.61	ng		96
29) 2,4-Dichlorophenol	8.02	162	685617	37.70	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	761648	40.56	ng		97
31) Naphthalene	8.18	128	2173553	36.84	ng		98
32) Benzoic acid	7.95	122	405693	31.37	ng		98
33) 4-Chloroaniline	8.24	127	1193922	44.13	ng		95
34) Hexachlorobutadiene	8.30	225	438404	40.62	ng		96
35) Caprolactam	8.61	113	242797	39.60	ng	#	46
36) 4-Chloro-3-methylphenol	8.72	107	735522	36.10	ng		93
37) 2-Methylnaphthalene	8.88	142	1654355	39.06	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	699879	40.01	ng		98
40) Hexachlorocyclopentadiene	9.02	237	432365	40.95	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	475617	36.34	ng		94
43) 2,4,5-Trichlorophenol	9.20	196	520985	41.53	ng		95
45) 1,1'-Biphenyl	9.33	154	1743458	36.05	ng		98
46) 2-Chloronaphthalene	9.36	162	1380428	36.34	ng		97
47) 2-Nitroaniline	9.46	65	571012	45.55	ng		95
48) Acenaphthylene	9.78	152	2312868	41.21	ng		97
49) Dimethylphthalate	9.64	163	1595689	36.68	ng	#	89
50) 2,6-Dinitrotoluene	9.70	165	345686	36.23	ng	#	49
51) Acenaphthene	9.95	154	1599023	42.48	ng		98
52) 3-Nitroaniline	9.87	138	409331	34.63	ng		95
53) 2,4-Dinitrophenol	9.97	184	172808	44.19	ng		89
54) Dibenzofuran	10.12	168	2089076	42.70	ng		97
55) 4-Nitrophenol	10.04	139	381206	44.42	ng		91
56) 2,4-Dinitrotoluene	10.10	165	463378	38.38	ng	#	82
57) Fluorene	10.46	166	1556942	41.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	401364	37.47	ng		95
59) Diethylphthalate	10.34	149	1658768	38.68	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	705665	44.23	ng		96
61) 4-Nitroaniline	10.49	138	430401	40.84	ng		93
62) Azobenzene	10.61	77	1845701	39.24	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	251568	38.14	ng		89
65) n-Nitrosodiphenylamine	10.58	169	1458552	42.24	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	507309	43.64	ng	#	93
67) Hexachlorobenzene	11.00	284	471935	36.07	ng	#	78
68) Atrazine	11.10	200	455816	40.34	ng		99
69) Pentachlorophenol	11.20	266	229149	33.78	ng		98
70) Phenanthrene	11.42	178	2415481	42.76	ng		96
71) Anthracene	11.47	178	2075605	37.48	ng		96
72) Carbazole	11.63	167	2130352	39.35	ng		97
73) Di-n-butylphthalate	11.96	149	2468686	42.22	ng	#	95
74) Fluoranthene	12.60	202	2155834	36.53	ng		97
76) Benzidine	12.73	184	1044570	33.94	ng		99
77) Pyrene	12.83	202	2250712	33.41	ng		97
79) Butylbenzylphthalate	13.46	149	1189915	40.82	ng	#	98
80) Benzo(a)anthracene	14.02	228	1828501	36.28	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	670912	38.14	ng	#	97
82) Chrysene	14.07	228	1813969	37.45	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1468313	39.87	ng	#	95
84) Di-n-octyl phthalate	14.63	149	2411719	38.79	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.87	276	1698995	44.25	ng		100
87) Benzo(b)fluoranthene	15.05	252	1651829m	34.76	ng		
88) Benzo(k)fluoranthene	15.08	252	1730717m	44.53	ng		
89) Benzo(a)pyrene	15.40	252	1592604	39.51	ng	#	96
90) Dibenzo(a,h)anthracene	16.89	278	1396716	40.27	ng	#	95
91) Benzo(g,h,i)perylene	17.29	276	1430088	39.82	ng		98

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

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