Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086799.D
Acq On : 8 May 2016 3:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 08 04:26:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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5/9/2016 7:20:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	246878	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	1022230	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	464449	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	812387	40.00	ng		0.00
75) Chrysene-d12	13.86	240	487948	40.00	ng		0.01
86) Perylene-d12	15.23	264	481275	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1216044	81.54	ng		0.01
7) Phenol-d6	6.37	99	1403306	69.86	ng		0.00
23) Nitrobenzene-d5	7.29	82	1550740	77.96	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	329900	72.61	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	2069860	73.05	ng		0.00
78) Terphenyl-d14	12.81	244	2002077	82.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	281428	36.51	ng	#	71
3) Pyridine	2.90	79	765748	40.52	ng	#	63
4) n-Nitrosodimethylamine	2.86	42	522835	45.61	ng	#	50
6) Aniline	6.38	93	914326	36.88	ng	#	37
8) 2-Chlorophenol	6.50	128	680893	38.05	ng		89
9) Benzaldehyde	6.26	77	415687	41.48	ng		95
10) Phenol	6.38	94	733768	33.39	ng	#	25
11) bis(2-Chloroethyl)ether	6.45	93	654033	34.58	ng		86
12) 1,3-Dichlorobenzene	6.65	146	775738	40.82	ng		98
13) 1,4-Dichlorobenzene	6.73	146	771380	39.26	ng		99
14) 1,2-Dichlorobenzene	6.88	146	599577	35.05	ng		96
15) Benzyl Alcohol	6.88	79	531061	40.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1467299	37.94	ng		63
17) 2-Methylphenol	6.99	107	527984	36.64	ng	#	76
18) Hexachloroethane	7.22	117	305189	41.14	ng	#	86
19) n-Nitroso-di-n-propylamine	7.14	70	525442	38.28	ng	#	66
20) 3+4-Methylphenols	7.15	107	662708	39.28	ng	#	61
22) Acetophenone	7.13	105	1025946	43.07	ng	#	96
24) Nitrobenzene	7.30	77	794274	38.62	ng		93
25) Isophorone	7.55	82	1478064	39.90	ng		95
26) 2-Nitrophenol	7.62	139	391857	42.70	ng	#	79
27) 2,4-Dimethylphenol	7.68	122	634852	39.40	ng		90
28) bis(2-Chloroethoxy)methane	7.76	93	776325	38.07	ng		98
29) 2,4-Dichlorophenol	7.87	162	566274	40.87	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	609567	39.44	ng		98
31) Naphthalene	8.02	128	1992313	38.15	ng		98
32) Benzoic acid	7.85	122	405131	61.56	ng	#	80
33) 4-Chloroaniline	8.08	127	711406	35.16	ng	#	89
34) Hexachlorobutadiene	8.13	225	351687	40.08	ng		98
35) Caprolactam	8.49	113	167362	39.03	ng	#	55
36) 4-Chloro-3-methylphenol	8.58	107	615468	38.94	ng		92
37) 2-Methylnaphthalene	8.70	142	1093208m	35.48	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	576967	42.92	ng		99
40) Hexachlorocyclopentadiene	8.85	237	269020	46.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	364512	42.64	ng		96
43) 2,4,5-Trichlorophenol	9.05	196	376629	42.17	ng		96
45) 1,1'-Biphenyl	9.17	154	1470479	38.73	ng		96
46) 2-Chloronaphthalene	9.20	162	1133988	38.70	ng		95
47) 2-Nitroaniline	9.30	65	423969	40.70	ng	#	72
48) Acenaphthylene	9.61	152	1632805	37.54	ng		99
49) Dimethylphthalate	9.48	163	1446928	41.79	ng		99
50) 2,6-Dinitrotoluene	9.55	165	333729	44.91	ng		97
51) Acenaphthene	9.78	154	1026332	35.77	ng		99
52) 3-Nitroaniline	9.72	138	319700	37.85	ng		88
53) 2,4-Dinitrophenol	9.82	184	105604	47.99	ng		93
54) Dibenzofuran	9.95	168	1294020	36.38	ng		95
55) 4-Nitrophenol	9.90	139	173930	35.32	ng	#	74
56) 2,4-Dinitrotoluene	9.95	165	357000	38.77	ng	#	82
57) Fluorene	10.29	166	1166915	40.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	275983	42.07	ng		97
59) Diethylphthalate	10.18	149	1264855	38.60	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	484008	35.32	ng		97
61) 4-Nitroaniline	10.34	138	295131	36.36	ng	#	71
62) Azobenzene	10.44	77	1351332	37.21	ng		85
64) 4,6-Dinitro-2-methylphenol	10.36	198	198232	48.20	ng		90
65) n-Nitrosodiphenylamine	10.41	169	937565	36.35	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	335353	41.54	ng		96
67) Hexachlorobenzene	10.83	284	372363	37.82	ng	#	66
68) Atrazine	10.94	200	308285	39.00	ng		95
69) Pentachlorophenol	11.04	266	187296	42.17	ng		97
70) Phenanthrene	11.25	178	1706270	39.10	ng		100
71) Anthracene	11.30	178	1611965	35.28	ng		99
72) Carbazole	11.46	167	1333971	33.62	ng		98
73) Di-n-butylphthalate	11.79	149	1727679	36.67	ng	#	97
74) Fluoranthene	12.43	202	1688695	38.62	ng		96
76) Benzidine	12.56	184	520844	40.30	ng		97
77) Pyrene	12.66	202	1722020	44.27	ng		99
79) Butylbenzylphthalate	13.28	149	755077	46.34	ng	#	62
80) Benzo(a)anthracene	13.84	228	1124328	40.74	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	780494	45.01	ng		99
82) Chrysene	13.88	228	1313603	44.62	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	942309	49.98	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1712006	61.71	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.53	276	1087701	43.06	ng		95
87) Benzo(b)fluoranthene	14.85	252	1318544m	45.59	ng		
88) Benzo(k)fluoranthene	14.88	252	861811m	31.63	ng		
89) Benzo(a)pyrene	15.17	252	1002692	37.64	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	895094	34.98	ng		96
91) Benzo(g,h,i)perylene	16.92	276	892084	33.21	ng		94

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

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