Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084854.D
Acq On : 5 Feb 2016 12:40
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
2/8/2016 3:02:53 PM

Quant Time: Feb 05 22:15:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176958	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	722382	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	336664	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	581642	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	381557	20.00	ng		-0.03
86) Perylene-d12	15.17	264	332646	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	816453	71.86	ng		-0.03
7) Phenol-d6	6.32	99	1010909	71.78	ng		-0.02
23) Nitrobenzene-d5	7.24	82	1044676	81.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	255554	72.77	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1789025	92.05	ng		-0.02
78) Terphenyl-d14	12.76	244	1400689	83.19	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	180773m	36.33	ng		
3) Pyridine	2.78	79	509086	39.26	ng	#	74
4) n-Nitrosodimethylamine	2.74	42	258374	38.53	ng		81
6) Aniline	6.33	93	682659	39.61	ng	#	71
8) 2-Chlorophenol	6.45	128	506449	39.38	ng		91
9) Benzaldehyde	6.20	77	300382	36.12	ng		96
10) Phenol	6.33	94	534122	33.85	ng	#	60
11) bis(2-Chloroethyl)ether	6.41	93	469721	38.18	ng		84
12) 1,3-Dichlorobenzene	6.60	146	537099	39.53	ng		97
13) 1,4-Dichlorobenzene	6.68	146	553658	40.76	ng		94
14) 1,2-Dichlorobenzene	6.83	146	436953	34.54	ng		94
15) Benzyl Alcohol	6.82	79	375412	38.60	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	781305	37.75	ng		86
17) 2-Methylphenol	6.94	107	410301	40.34	ng	#	92
18) Hexachloroethane	7.17	117	202370	38.69	ng		95
19) n-Nitroso-di-n-propylamine	7.09	70	318612	36.09	ng	#	75
20) 3+4-Methylphenols	7.09	107	484351	38.37	ng	#	69
22) Acetophenone	7.08	105	699522	36.74	ng	#	97
24) Nitrobenzene	7.25	77	461422	33.60	ng		93
25) Isophorone	7.50	82	956619	38.36	ng		97
26) 2-Nitrophenol	7.57	139	281792	41.61	ng	#	90
27) 2,4-Dimethylphenol	7.62	122	413025	35.06	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	545957	36.91	ng	#	97
29) 2,4-Dichlorophenol	7.82	162	384804	38.18	ng		92
30) 1,2,4-Trichlorobenzene	7.89	180	417468	36.67	ng		96
31) Naphthalene	7.97	128	1332347	36.77	ng		99
32) Benzoic acid	7.77	122	300189	39.84	ng		95
33) 4-Chloroaniline	8.03	127	558081	37.24	ng		98
34) Hexachlorobutadiene	8.10	225	250766	38.20	ng		96
35) Caprolactam	8.42	113	122090	39.30	ng	#	52
36) 4-Chloro-3-methylphenol	8.52	107	418678	36.41	ng		94
37) 2-Methylnaphthalene	8.66	142	812230	35.82	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	414427	38.76	ng		99
40) Hexachlorocyclopentadiene	8.82	237	176706	45.66	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	257095	37.32	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	283689	40.53	ng	#	93
45) 1,1'-Biphenyl	9.13	154	1037745	34.51	ng		99
46) 2-Chloronaphthalene	9.15	162	814694	36.79	ng		94
47) 2-Nitroaniline	9.25	65	283464	40.43	ng		93
48) Acenaphthylene	9.56	152	1262411	37.57	ng		98
49) Dimethylphthalate	9.44	163	923067	36.00	ng	#	89
50) 2,6-Dinitrotoluene	9.50	165	219233	39.14	ng	#	84
51) Acenaphthene	9.73	154	848104	38.79	ng		97
52) 3-Nitroaniline	9.66	138	216690	34.43	ng		95
53) 2,4-Dinitrophenol	9.78	184	91808	38.74	ng	#	81
54) Dibenzofuran	9.90	168	973514	36.43	ng		93
55) 4-Nitrophenol	9.84	139	161607	34.93	ng	#	74
56) 2,4-Dinitrotoluene	9.90	165	290135	40.61	ng		90
57) Fluorene	10.25	166	865988	38.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	220725	41.43	ng		88
59) Diethylphthalate	10.13	149	892298	35.64	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	430912	46.15	ng		90
61) 4-Nitroaniline	10.28	138	259531	42.31	ng		86
62) Azobenzene	10.41	77	931653	38.70	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	142758	39.77	ng	#	54
65) n-Nitrosodiphenylamine	10.36	169	701881	38.00	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	252722	39.34	ng	#	75
67) Hexachlorobenzene	10.80	284	304087	43.44	ng	#	90
68) Atrazine	10.90	200	252099	43.22	ng		99
69) Pentachlorophenol	10.99	266	142890	43.43	ng		99
70) Phenanthrene	11.21	178	1307239	40.52	ng		99
71) Anthracene	11.25	178	1254107	38.58	ng		99
72) Carbazole	11.41	167	1087272	38.36	ng		99
73) Di-n-butylphthalate	11.76	149	1512685	41.92	ng	#	97
74) Fluoranthene	12.39	202	1288762	39.47	ng		97
76) Benzidine	12.51	184	516327	38.34	ng		99
77) Pyrene	12.61	202	1389252	47.56	ng		100
79) Butylbenzylphthalate	13.24	149	571695	43.14	ng		95
80) Benzo(a)anthracene	13.79	228	1000608	42.25	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	374718	44.69	ng	#	95
82) Chrysene	13.84	228	1025795	44.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	695795	42.19	ng		100
84) Di-n-octyl phthalate	14.42	149	1123916	41.31	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.44	276	845253	46.76	ng		98
87) Benzo(b)fluoranthene	14.80	252	750577m	33.58	ng		
88) Benzo(k)fluoranthene	14.82	252	772590m	41.81	ng		
89) Benzo(a)pyrene	15.12	252	727389	38.20	ng	#	97
90) Dibenzo(a,h)anthracene	16.45	278	689475	43.01	ng		99
91) Benzo(g,h,i)perylene	16.83	276	715444	44.30	ng		97

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

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