Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087443.D
Acq On : 27 May 2016 15:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
5/31/2016 7:01:37 PM

Quant Time: May 27 17:05:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 17:03:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	170035	20.00	ng		0.00
21) Naphthalene-d8	9.52	136	731866	20.00	ng		0.00
38) Acenaphthene-d10	12.35	164	344084	20.00	ng		0.00
63) Phenanthrene-d10	14.75	188	643398	20.00	ng		0.00
75) Chrysene-d12	18.46	240	456279	20.00	ng		0.00
86) Perylene-d12	20.13	264	349900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	870190	89.93	ng		0.00
7) Phenol-d6	7.05	99	1110716	84.95	ng		0.00
23) Nitrobenzene-d5	8.42	82	1208491	83.22	ng		0.00
41) 2,4,6-Tribromophenol	13.65	330	266388	80.56	ng		0.00
44) 2-Fluorobiphenyl	11.30	172	1887569	77.34	ng		0.00
78) Terphenyl-d14	17.11	244	1814768	84.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	180961	35.44	ng	#	73
3) Pyridine	2.36	79	434804	38.95	ng	#	64
4) n-Nitrosodimethylamine	2.35	42	390917	45.45	ng	#	46
6) Aniline	6.99	93	718864	42.50	ng		95
8) 2-Chlorophenol	7.18	128	502818	41.67	ng		95
9) Benzaldehyde	6.80	77	293224	40.62	ng		94
10) Phenol	7.06	94	604168	42.31	ng		71
11) bis(2-Chloroethyl)ether	7.14	93	483800	41.86	ng		88
12) 1,3-Dichlorobenzene	7.38	146	531300	40.36	ng	#	90
13) 1,4-Dichlorobenzene	7.52	146	548214	40.57	ng		96
14) 1,2-Dichlorobenzene	7.75	146	505931	40.48	ng		97
15) Benzyl Alcohol	7.79	79	437241	45.87	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.98	45	1032510	39.71	ng		86
17) 2-Methylphenol	8.01	107	408809	42.27	ng	#	89
18) Hexachloroethane	8.26	117	208449	41.35	ng		96
19) n-Nitroso-di-n-propylamine	8.23	70	428163	43.91	ng	#	75
20) 3+4-Methylphenols	8.27	107	535140	45.77	ng	#	60
22) Acetophenone	8.19	105	733620	41.96	ng	#	96
24) Nitrobenzene	8.44	77	611260	39.88	ng		97
25) Isophorone	8.84	82	1078141	41.40	ng	#	99
26) 2-Nitrophenol	8.95	139	268692	42.88	ng	#	74
27) 2,4-Dimethylphenol	9.10	122	448209	41.21	ng		88
28) bis(2-Chloroethoxy)methane	9.22	93	596062	40.63	ng		98
29) 2,4-Dichlorophenol	9.36	162	403345	41.15	ng		98
30) 1,2,4-Trichlorobenzene	9.45	180	442086	39.40	ng		97
31) Naphthalene	9.55	128	1456501	39.72	ng		99
32) Benzoic acid	9.43	122	164140	31.57	ng	#	78
33) 4-Chloroaniline	9.70	127	554994	41.09	ng	#	93
34) Hexachlorobutadiene	9.77	225	270717	39.69	ng		99
35) Caprolactam	10.36	113	119171	41.65	ng	#	53
36) 4-Chloro-3-methylphenol	10.57	107	471267	42.52	ng		91
37) 2-Methylnaphthalene	10.68	142	915570	39.96	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.96	216	434304	39.43	ng		99
40) Hexachlorocyclopentadiene	10.92	237	126503	34.07	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	254544	40.04	ng		94
43) 2,4,5-Trichlorophenol	11.27	196	254397	39.29	ng	#	90
45) 1,1'-Biphenyl	11.45	154	1103000	38.07	ng		96
46) 2-Chloronaphthalene	11.47	162	866938	39.12	ng		97
47) 2-Nitroaniline	11.69	65	347282	43.49	ng	#	79
48) Acenaphthylene	12.12	152	1351700	38.52	ng		99
49) Dimethylphthalate	12.01	163	1080019	39.18	ng		100
50) 2,6-Dinitrotoluene	12.11	165	229172	41.26	ng	#	79
51) Acenaphthene	12.41	154	858051	39.79	ng		98
52) 3-Nitroaniline	12.38	138	247203	43.37	ng		90
53) 2,4-Dinitrophenol	12.58	184	81824	32.98	ng	#	81
54) Dibenzofuran	12.70	168	1149914	39.38	ng		98
55) 4-Nitrophenol	12.76	139	110190	40.52	ng	#	25
56) 2,4-Dinitrotoluene	12.76	165	299487	40.35	ng	#	91
57) Fluorene	13.24	166	965140	38.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.92	232	195161	39.19	ng		97
59) Diethylphthalate	13.15	149	1053453	39.31	ng		99
60) 4-Chlorophenyl-phenylether	13.27	204	483038	39.12	ng		99
61) 4-Nitroaniline	13.38	138	216495	40.69	ng	#	65
62) Azobenzene	13.53	77	1134664	40.81	ng		86
64) 4,6-Dinitro-2-methylphenol	13.44	198	148947	36.41	ng		83
65) n-Nitrosodiphenylamine	13.49	169	835210	40.14	ng		100
66) 4-Bromophenyl-phenylether	14.06	248	270464	38.43	ng		99
67) Hexachlorobenzene	14.13	284	289017	39.26	ng	#	69
68) Atrazine	14.41	200	216140	32.59	ng		94
69) Pentachlorophenol	14.49	266	98124	45.75	ng		95
70) Phenanthrene	14.79	178	1346714	37.79	ng		99
71) Anthracene	14.88	178	1418968	39.41	ng		99
72) Carbazole	15.17	167	1206320	39.29	ng		98
73) Di-n-butylphthalate	15.75	149	1624428	40.91	ng		99
74) Fluoranthene	16.55	202	1385889	38.78	ng		97
76) Benzidine	16.78	184	565823	48.20	ng		97
77) Pyrene	16.86	202	1436739	43.74	ng		99
79) Butylbenzylphthalate	17.77	149	650492	44.66	ng	#	81
80) Benzo(a)anthracene	18.45	228	1041899	40.14	ng		99
81) 3,3'-Dichlorobenzidine	18.42	252	621305	43.33	ng		98
82) Chrysene	18.48	228	1038030	40.30	ng		99
83) Bis(2-ethylhexyl)phthalate	18.51	149	872287	41.04	ng		97
84) Di-n-octyl phthalate	19.28	149	1206302	37.22	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.34	276	848479	41.09	ng		94
87) Benzo(b)fluoranthene	19.71	252	808450m	36.27	ng		
88) Benzo(k)fluoranthene	19.74	252	823981m	42.95	ng		
89) Benzo(a)pyrene	20.06	252	767036	39.79	ng	#	95
90) Dibenzo(a,h)anthracene	21.34	278	714568	43.46	ng		97
91) Benzo(g,h,i)perylene	21.68	276	707226	43.60	ng		95

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

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