Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086657.D
Acq On : 3 May 2016 21:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 05:15:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	186140	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	737343	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	291978	20.00	ng		-0.06
63) Phenanthrene-d10	11.28	188	429434	20.00	ng		-0.05
75) Chrysene-d12	13.91	240	358169	20.00	ng		-0.06
86) Perylene-d12	15.30	264	327729	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	974693	90.32	ng		-0.04
7) Phenol-d6	6.40	99	1233961	81.93	ng		-0.05
23) Nitrobenzene-d5	7.32	82	1201945	87.86	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	195811	63.59	ng		-0.06
44) 2-Fluorobiphenyl	9.13	172	1645103	103.01	ng		-0.05
78) Terphenyl-d14	12.85	244	1130881	69.56	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	229938	40.56	ng	#	74
3) Pyridine	2.97	79	550088	41.00	ng	#	73
4) n-Nitrosodimethylamine	2.92	42	376435	49.23	ng	#	55
6) Aniline	6.42	93	718822	39.44	ng	#	60
8) 2-Chlorophenol	6.54	128	526373	39.16	ng		95
9) Benzaldehyde	6.29	77	297961	34.00	ng		95
10) Phenol	6.42	94	649288	38.64	ng	#	42
11) bis(2-Chloroethyl)ether	6.50	93	595748	41.01	ng		90
12) 1,3-Dichlorobenzene	6.69	146	558601	38.64	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	586733	39.33	ng		95
14) 1,2-Dichlorobenzene	6.92	146	486611m	35.57	ng		
15) Benzyl Alcohol	6.91	79	393191	41.27	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1177731	40.50	ng		93
17) 2-Methylphenol	7.02	107	422269	38.87	ng	#	92
18) Hexachloroethane	7.26	117	185460	33.27	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	410948	41.28	ng	#	75
20) 3+4-Methylphenols	7.18	107	520040	41.93	ng	#	63
22) Acetophenone	7.17	105	692260	42.82	ng	#	92
24) Nitrobenzene	7.34	77	602938	42.85	ng		97
25) Isophorone	7.58	82	1030946	39.16	ng		99
26) 2-Nitrophenol	7.66	139	204463	31.56	ng		94
27) 2,4-Dimethylphenol	7.71	122	489495	43.06	ng		92
28) bis(2-Chloroethoxy)methane	7.80	93	626460	43.68	ng		99
29) 2,4-Dichlorophenol	7.90	162	381134	39.74	ng		95
30) 1,2,4-Trichlorobenzene	7.98	180	437202	39.29	ng		96
31) Naphthalene	8.06	128	1397192	37.24	ng		98
32) Benzoic acid	7.82	122	139224	25.31	ng	#	82
33) 4-Chloroaniline	8.12	127	591210	42.08	ng		98
34) Hexachlorobutadiene	8.19	225	250352	40.14	ng		99
35) Caprolactam	8.50	113	115356	36.05	ng	#	54
36) 4-Chloro-3-methylphenol	8.60	107	406023	36.97	ng		86
37) 2-Methylnaphthalene	8.75	142	817675	36.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	376559	45.06	ng		99
40) Hexachlorocyclopentadiene	8.91	237	33914	8.17	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	227504	43.06	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	230928	40.10	ng		95
45) 1,1'-Biphenyl	9.22	154	984280	40.33	ng		96
46) 2-Chloronaphthalene	9.24	162	738196	39.78	ng		93
47) 2-Nitroaniline	9.34	65	319232	53.65	ng		88
48) Acenaphthylene	9.65	152	1102976	38.03	ng		99
49) Dimethylphthalate	9.53	163	1022261	46.51	ng		100
50) 2,6-Dinitrotoluene	9.58	165	174385	38.40	ng	#	84
51) Acenaphthene	9.82	154	662815	35.58	ng		99
52) 3-Nitroaniline	9.76	138	233139	45.14	ng		98
53) 2,4-Dinitrophenol	9.87	184	2850	8.87	ng	#	1
54) Dibenzofuran	10.00	168	883179	37.93	ng		96
55) 4-Nitrophenol	9.92	139	98910	29.25	ng	#	52
56) 2,4-Dinitrotoluene	9.98	165	206169	35.62	ng	#	92
57) Fluorene	10.34	166	681256	33.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	162148	36.02	ng		94
59) Diethylphthalate	10.22	149	926852	44.54	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	364080	39.67	ng	#	82
61) 4-Nitroaniline	10.36	138	213197	42.23	ng	#	75
62) Azobenzene	10.49	77	870098	38.18	ng		83
64) 4,6-Dinitro-2-methylphenol	10.40	198	8330	3.30	ng	#	61
65) n-Nitrosodiphenylamine	10.45	169	619306	46.14	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	189698	42.87	ng		91
67) Hexachlorobenzene	10.89	284	220864	43.12	ng	#	85
68) Atrazine	10.98	200	160846	39.91	ng		94
69) Pentachlorophenol	11.08	266	109645	40.60	ng		97
70) Phenanthrene	11.30	178	966060	42.87	ng		100
71) Anthracene	11.35	178	977002	40.62	ng		100
72) Carbazole	11.51	167	845979	39.69	ng		99
73) Di-n-butylphthalate	11.85	149	1167646	48.35	ng		99
74) Fluoranthene	12.48	202	922486	40.55	ng		99
76) Benzidine	12.61	184	458530	37.25	ng		96
77) Pyrene	12.71	202	902827	34.98	ng		100
79) Butylbenzylphthalate	13.33	149	443926	39.72	ng	#	75
80) Benzo(a)anthracene	13.89	228	784547	41.08	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	566015	44.34	ng	#	94
82) Chrysene	13.93	228	835091	40.23	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	570111	41.09	ng	#	94
84) Di-n-octyl phthalate	14.51	149	1135658	52.27	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.63	276	691991	44.99	ng		96
87) Benzo(b)fluoranthene	14.91	252	836393m	43.38	ng		
88) Benzo(k)fluoranthene	14.93	252	707925m	35.20	ng		
89) Benzo(a)pyrene	15.24	252	710023	39.01	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	588029	39.48	ng	#	94
91) Benzo(g,h,i)perylene	17.03	276	555258	37.20	ng		95

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

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