Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087206.D
Acq On : 20 May 2016 2:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 04:02:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:23:56 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	134820	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	556474	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	258489	20.00	ng		0.01
63) Phenanthrene-d10	11.08	188	451138	20.00	ng		0.00
75) Chrysene-d12	13.71	240	276833	20.00	ng		0.00
86) Perylene-d12	15.06	264	281742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	652956	81.41	ng		0.00
7) Phenol-d6	6.24	99	788919	73.33	ng		0.00
23) Nitrobenzene-d5	7.15	82	898412	80.46	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	206752	72.38	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	1177725	75.46	ng		0.00
78) Terphenyl-d14	12.66	244	1022141	83.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	153732	37.26	ng	#	72
3) Pyridine	2.60	79	367722	36.84	ng	#	67
4) n-Nitrosodimethylamine	2.57	42	282775	39.98	ng	#	50
6) Aniline	6.24	93	531067	38.86	ng	#	88
8) 2-Chlorophenol	6.35	128	382126	39.16	ng	#	81
9) Benzaldehyde	6.11	77	217556	36.89	ng		95
10) Phenol	6.25	94	539503	39.89	ng		73
11) bis(2-Chloroethyl)ether	6.32	93	396177	39.02	ng		92
12) 1,3-Dichlorobenzene	6.50	146	397223m	38.29	ng		
13) 1,4-Dichlorobenzene	6.58	146	403761m	38.04	ng		
14) 1,2-Dichlorobenzene	6.74	146	369758	39.79	ng		98
15) Benzyl Alcohol	6.73	79	315796	39.43	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	6.86	45	785847	37.65	ng		67
17) 2-Methylphenol	6.86	107	291015	36.31	ng	#	72
18) Hexachloroethane	7.07	117	150893	37.19	ng		99
19) n-Nitroso-di-n-propylamine	7.00	70	300151	36.70	ng	#	70
20) 3+4-Methylphenols	7.02	107	420949	39.82	ng	#	62
22) Acetophenone	6.99	105	545571	40.06	ng	#	95
24) Nitrobenzene	7.16	77	428004	35.11	ng		94
25) Isophorone	7.40	82	763211	37.34	ng		97
26) 2-Nitrophenol	7.48	139	197664	39.14	ng	#	79
27) 2,4-Dimethylphenol	7.54	122	344495	39.97	ng		89
28) bis(2-Chloroethoxy)methane	7.62	93	416139	37.09	ng	#	98
29) 2,4-Dichlorophenol	7.74	162	305021	40.16	ng		98
30) 1,2,4-Trichlorobenzene	7.80	180	343164	40.72	ng		98
31) Naphthalene	7.88	128	1081738	39.78	ng		100
32) Benzoic acid	7.70	122	142327	27.71	ng	#	74
33) 4-Chloroaniline	7.94	127	420135	37.18	ng	#	88
34) Hexachlorobutadiene	8.00	225	199586	41.73	ng		98
35) Caprolactam	8.33	113	98666	39.02	ng	#	50
36) 4-Chloro-3-methylphenol	8.44	107	337431	36.83	ng	#	86
37) 2-Methylnaphthalene	8.57	142	681313	39.17	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	305728	40.49	ng		98
40) Hexachlorocyclopentadiene	8.72	237	38817	19.86	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	190879	38.99	ng		91
43) 2,4,5-Trichlorophenol	8.91	196	191922	37.73	ng		95
45) 1,1'-Biphenyl	9.04	154	936457	43.69	ng		99
46) 2-Chloronaphthalene	9.06	162	670745	40.76	ng		99
47) 2-Nitroaniline	9.16	65	237985	37.74	ng	#	66
48) Acenaphthylene	9.46	152	951657	37.88	ng		98
49) Dimethylphthalate	9.35	163	767296	38.91	ng		100
50) 2,6-Dinitrotoluene	9.42	165	181637	42.42	ng		94
51) Acenaphthene	9.63	154	593909	37.84	ng		98
52) 3-Nitroaniline	9.59	138	196435	42.38	ng		99
53) 2,4-Dinitrophenol	9.71	184	38903	19.66	ng		87
54) Dibenzofuran	9.80	168	775417	38.20	ng	#	90
55) 4-Nitrophenol	9.78	139	65786m	32.66	ng		
56) 2,4-Dinitrotoluene	9.82	165	195026	35.57	ng	#	70
57) Fluorene	10.15	166	589669	36.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	147885	37.33	ng		98
59) Diethylphthalate	10.04	149	803835	42.70	ng		98
60) 4-Chlorophenyl-phenylether	10.15	204	313579	40.56	ng		93
61) 4-Nitroaniline	10.20	138	175104	38.26	ng		88
62) Azobenzene	10.31	77	863262	39.80	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	75055	25.26	ng	#	42
65) n-Nitrosodiphenylamine	10.27	169	609531	42.93	ng		100
66) 4-Bromophenyl-phenylether	10.63	248	183346	39.52	ng	#	85
67) Hexachlorobenzene	10.70	284	212275	39.47	ng	#	80
68) Atrazine	10.81	200	180572	38.99	ng		95
69) Pentachlorophenol	10.90	266	74834	37.04	ng		96
70) Phenanthrene	11.11	178	962784	39.35	ng		100
71) Anthracene	11.15	178	917330	37.07	ng		100
72) Carbazole	11.32	167	869715	38.47	ng		100
73) Di-n-butylphthalate	11.66	149	1122654	43.23	ng	#	99
74) Fluoranthene	12.28	202	856172	34.92	ng		97
76) Benzidine	12.42	184	378767	57.39	ng		98
77) Pyrene	12.51	202	889693	44.49	ng		100
79) Butylbenzylphthalate	13.14	149	409318	48.48	ng	#	81
80) Benzo(a)anthracene	13.70	228	632670	39.53	ng		98
81) 3,3'-Dichlorobenzidine	13.67	252	469088	46.06	ng		99
82) Chrysene	13.74	228	667812	43.12	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	487093	47.41	ng		97
84) Di-n-octyl phthalate	14.31	149	757507	42.80	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.30	276	660297	48.57	ng		94
87) Benzo(b)fluoranthene	14.70	252	597221m	31.95	ng		
88) Benzo(k)fluoranthene	14.72	252	600242m	43.14	ng		
89) Benzo(a)pyrene	15.01	252	584859	37.43	ng		98
90) Dibenzo(a,h)anthracene	16.30	278	554683	42.17	ng	#	95
91) Benzo(g,h,i)perylene	16.66	276	552585	41.59	ng	#	89

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

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