Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087408.D
Acq On : 26 May 2016 14:53
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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5/27/2016 7:37:33 PM

Quant Time: May 26 16:46:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	149574	20.00	ng		-0.01
21) Naphthalene-d8	9.54	136	631865	20.00	ng		-0.01
38) Acenaphthene-d10	12.37	164	294281	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	567391	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	452610	20.00	ng		-0.01
86) Perylene-d12	20.14	264	338760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	771471	90.63	ng		-0.01
7) Phenol-d6	7.07	99	984794	85.62	ng		0.00
23) Nitrobenzene-d5	8.43	82	1052188	83.92	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	223436	79.01	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	1549811	74.25	ng		-0.01
78) Terphenyl-d14	17.12	244	1673749	78.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	174025	38.75	ng	#	74
3) Pyridine	2.41	79	383262	39.03	ng	#	65
4) n-Nitrosodimethylamine	2.39	42	350977	46.39	ng	#	46
6) Aniline	7.02	93	614190	41.28	ng		93
8) 2-Chlorophenol	7.20	128	441444	41.58	ng		95
9) Benzaldehyde	6.82	77	258369	40.69	ng		98
10) Phenol	7.10	94	543000	43.23	ng		88
11) bis(2-Chloroethyl)ether	7.15	93	410143	40.35	ng		84
12) 1,3-Dichlorobenzene	7.40	146	466868	40.32	ng	#	92
13) 1,4-Dichlorobenzene	7.53	146	482249	40.57	ng	#	91
14) 1,2-Dichlorobenzene	7.77	146	445934	40.56	ng		97
15) Benzyl Alcohol	7.80	79	386009	46.03	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.01	45	897283	39.23	ng		87
17) 2-Methylphenol	8.03	107	358791	42.17	ng	#	91
18) Hexachloroethane	8.28	117	178361	40.22	ng		97
19) n-Nitroso-di-n-propylamine	8.24	70	345527	40.28	ng	#	68
20) 3+4-Methylphenols	8.28	107	459133	44.64	ng	#	59
22) Acetophenone	8.20	105	620389	41.10	ng	#	97
24) Nitrobenzene	8.47	77	560279	42.34	ng		94
25) Isophorone	8.86	82	893440	39.73	ng		98
26) 2-Nitrophenol	8.97	139	229997	42.52	ng	#	87
27) 2,4-Dimethylphenol	9.11	122	371478	39.56	ng	#	84
28) bis(2-Chloroethoxy)methane	9.23	93	488812	38.60	ng		98
29) 2,4-Dichlorophenol	9.38	162	350618	41.43	ng		97
30) 1,2,4-Trichlorobenzene	9.47	180	379257	39.14	ng		98
31) Naphthalene	9.58	128	1237284	39.08	ng		99
32) Benzoic acid	9.44	122	154363	33.87	ng	#	79
33) 4-Chloroaniline	9.72	127	486117	41.68	ng		95
34) Hexachlorobutadiene	9.79	225	223894	38.02	ng		99
35) Caprolactam	10.39	113	113966	46.14	ng	#	61
36) 4-Chloro-3-methylphenol	10.59	107	420372	43.93	ng		90
37) 2-Methylnaphthalene	10.70	142	781815	39.53	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	356927	37.89	ng		98
40) Hexachlorocyclopentadiene	10.95	237	99237	32.03	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	218226	40.14	ng		91
43) 2,4,5-Trichlorophenol	11.28	196	222928	40.26	ng	#	85
45) 1,1'-Biphenyl	11.47	154	940175	37.95	ng		97
46) 2-Chloronaphthalene	11.48	162	730900	38.56	ng	#	91
47) 2-Nitroaniline	11.70	65	306590	44.89	ng	#	74
48) Acenaphthylene	12.15	152	1213102	40.42	ng		99
49) Dimethylphthalate	12.03	163	928891	39.40	ng		100
50) 2,6-Dinitrotoluene	12.13	165	191746	40.37	ng	#	76
51) Acenaphthene	12.42	154	741511	40.20	ng		98
52) 3-Nitroaniline	12.39	138	207776	42.62	ng	#	80
53) 2,4-Dinitrophenol	12.59	184	74629	34.73	ng	#	83
54) Dibenzofuran	12.71	168	975200	39.05	ng		93
55) 4-Nitrophenol	12.79	139	87144	37.47	ng	#	39
56) 2,4-Dinitrotoluene	12.79	165	270110	42.55	ng		88
57) Fluorene	13.27	166	863085	39.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	161120	37.83	ng		97
59) Diethylphthalate	13.18	149	873464	38.11	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	394218	37.33	ng		98
61) 4-Nitroaniline	13.39	138	210361	46.23	ng	#	62
62) Azobenzene	13.55	77	1000173	42.06	ng		86
64) 4,6-Dinitro-2-methylphenol	13.45	198	144656	40.10	ng	#	77
65) n-Nitrosodiphenylamine	13.51	169	697884	38.03	ng		100
66) 4-Bromophenyl-phenylether	14.08	248	232170	37.40	ng		96
67) Hexachlorobenzene	14.15	284	244720	37.70	ng	#	73
68) Atrazine	14.43	200	207068	35.40	ng		93
69) Pentachlorophenol	14.51	266	70836	38.58	ng		97
70) Phenanthrene	14.81	178	1230073	39.14	ng		100
71) Anthracene	14.89	178	1248580	39.33	ng		100
72) Carbazole	15.19	167	1126091	41.59	ng		99
73) Di-n-butylphthalate	15.76	149	1292418	36.91	ng	#	98
74) Fluoranthene	16.57	202	1269934	40.30	ng		95
76) Benzidine	16.80	184	517074	44.40	ng		97
77) Pyrene	16.87	202	1297165	39.82	ng		100
79) Butylbenzylphthalate	17.78	149	557711	38.60	ng	#	66
80) Benzo(a)anthracene	18.46	228	1004537	39.02	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	548273	38.55	ng		99
82) Chrysene	18.50	228	970941	38.00	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	720810	34.19	ng	#	95
84) Di-n-octyl phthalate	19.30	149	1049170	32.63	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.36	276	811762	39.63	ng		94
87) Benzo(b)fluoranthene	19.73	252	769885	35.68	ng	#	97
88) Benzo(k)fluoranthene	19.76	252	849717m	45.75	ng		
89) Benzo(a)pyrene	20.08	252	765446	41.01	ng		97
90) Dibenzo(a,h)anthracene	21.36	278	679931	42.71	ng		96
91) Benzo(g,h,i)perylene	21.70	276	691881	44.05	ng		95

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

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