Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087428.D
Acq On : 27 May 2016 2:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/27/2016 7:38:09 PM

Quant Time: May 27 03:49:54 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	144957	20.00	ng		-0.01
21) Naphthalene-d8	9.54	136	599893	20.00	ng		-0.01
38) Acenaphthene-d10	12.37	164	284964	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	539350	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	399403	20.00	ng		-0.01
86) Perylene-d12	20.13	264	319811	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	739209	89.61	ng		-0.01
7) Phenol-d6	7.06	99	958309	85.97	ng		-0.01
23) Nitrobenzene-d5	8.43	82	982295	82.53	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	217614	79.47	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	1534011	75.89	ng		-0.01
78) Terphenyl-d14	17.12	244	1450198	77.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	164560	37.80	ng	#	74
3) Pyridine	2.39	79	416220	43.74	ng	#	63
4) n-Nitrosodimethylamine	2.38	42	313232	42.72	ng	#	48
6) Aniline	7.02	93	594504	41.23	ng		92
8) 2-Chlorophenol	7.19	128	425562	41.37	ng		89
9) Benzaldehyde	6.82	77	226826	36.86	ng		97
10) Phenol	7.08	94	527003	43.30	ng		81
11) bis(2-Chloroethyl)ether	7.15	93	403963	41.00	ng		86
12) 1,3-Dichlorobenzene	7.40	146	444917	39.65	ng	#	93
13) 1,4-Dichlorobenzene	7.53	146	461577m	40.07	ng		
14) 1,2-Dichlorobenzene	7.77	146	433491	40.68	ng		99
15) Benzyl Alcohol	7.82	79	345224	42.48	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.00	45	851565	38.41	ng		87
17) 2-Methylphenol	8.02	107	340223	41.27	ng	#	85
18) Hexachloroethane	8.28	117	173303	40.33	ng		94
19) n-Nitroso-di-n-propylamine	8.24	70	343503	41.32	ng	#	72
20) 3+4-Methylphenols	8.28	107	434438	43.59	ng	#	60
22) Acetophenone	8.20	105	597625	41.70	ng	#	97
24) Nitrobenzene	8.46	77	510857	40.66	ng		96
25) Isophorone	8.86	82	863468	40.45	ng		99
26) 2-Nitrophenol	8.96	139	223233	43.46	ng	#	62
27) 2,4-Dimethylphenol	9.11	122	362995	40.71	ng		87
28) bis(2-Chloroethoxy)methane	9.23	93	468022	38.92	ng		98
29) 2,4-Dichlorophenol	9.38	162	337660	42.02	ng		99
30) 1,2,4-Trichlorobenzene	9.46	180	366265	39.82	ng		95
31) Naphthalene	9.58	128	1210297	40.26	ng		99
32) Benzoic acid	9.45	122	163527	37.12	ng	#	79
33) 4-Chloroaniline	9.72	127	452572	40.88	ng	#	94
34) Hexachlorobutadiene	9.78	225	217568	38.91	ng		99
35) Caprolactam	10.38	113	106705m	45.50	ng		
36) 4-Chloro-3-methylphenol	10.59	107	400548	44.09	ng		93
37) 2-Methylnaphthalene	10.70	142	751177m	40.00	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	342887	37.59	ng		98
40) Hexachlorocyclopentadiene	10.95	237	100780	33.13	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	208044	39.51	ng		96
43) 2,4,5-Trichlorophenol	11.28	196	213802	39.87	ng	#	87
45) 1,1'-Biphenyl	11.47	154	935709	39.00	ng		97
46) 2-Chloronaphthalene	11.48	162	707947	38.57	ng		93
47) 2-Nitroaniline	11.70	65	284449	43.01	ng	#	74
48) Acenaphthylene	12.14	152	1150448	39.59	ng		99
49) Dimethylphthalate	12.03	163	895011	39.21	ng		99
50) 2,6-Dinitrotoluene	12.12	165	196292	42.68	ng	#	89
51) Acenaphthene	12.42	154	698442	39.10	ng		99
52) 3-Nitroaniline	12.39	138	200763	42.53	ng		82
53) 2,4-Dinitrophenol	12.59	184	93659	43.08	ng	#	84
54) Dibenzofuran	12.71	168	936561	38.73	ng		94
55) 4-Nitrophenol	12.79	139	87352	38.79	ng	#	39
56) 2,4-Dinitrotoluene	12.78	165	255917	41.63	ng	#	89
57) Fluorene	13.27	166	836698	39.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.95	232	161950	39.26	ng		97
59) Diethylphthalate	13.18	149	863472	38.91	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	381884	37.34	ng		96
61) 4-Nitroaniline	13.39	138	184460	41.87	ng	#	63
62) Azobenzene	13.54	77	950245	41.27	ng		84
64) 4,6-Dinitro-2-methylphenol	13.45	198	147048	42.88	ng	#	83
65) n-Nitrosodiphenylamine	13.51	169	677267	38.83	ng		99
66) 4-Bromophenyl-phenylether	14.08	248	226241	38.34	ng		90
67) Hexachlorobenzene	14.15	284	238386	38.63	ng	#	79
68) Atrazine	14.42	200	170449	30.66	ng		94
69) Pentachlorophenol	14.51	266	65784	37.83	ng		96
70) Phenanthrene	14.81	178	1173569	39.28	ng		99
71) Anthracene	14.89	178	1180353	39.11	ng		100
72) Carbazole	15.19	167	1070635	41.59	ng		99
73) Di-n-butylphthalate	15.76	149	1237586	37.18	ng	#	98
74) Fluoranthene	16.57	202	1212413	40.47	ng		92
76) Benzidine	16.80	184	417576	40.63	ng		97
77) Pyrene	16.87	202	1190436	41.41	ng		99
79) Butylbenzylphthalate	17.78	149	484376	37.99	ng	#	71
80) Benzo(a)anthracene	18.46	228	906803	39.91	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	520547	41.48	ng	#	97
82) Chrysene	18.50	228	880249	39.04	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	627523	33.73	ng	#	95
84) Di-n-octyl phthalate	19.30	149	914036	32.22	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.36	276	831092	45.98	ng		94
87) Benzo(b)fluoranthene	19.73	252	720840m	35.38	ng		
88) Benzo(k)fluoranthene	19.75	252	740327m	42.22	ng		
89) Benzo(a)pyrene	20.08	252	704048	39.96	ng	#	96
90) Dibenzo(a,h)anthracene	21.36	278	688539	45.82	ng	#	95
91) Benzo(g,h,i)perylene	21.70	276	697572	47.05	ng	#	93

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

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