Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087653.D
Acq On : 4 Jun 2016 5:49
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 04 06:16:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 05:48:44 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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6/6/2016 7:18:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112288m	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	481514	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	211222	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	429682	20.00	ng		0.00
75) Chrysene-d12	14.01	240	358315	20.00	ng		-0.01
86) Perylene-d12	15.44	264	277332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	53395	8.26	ng		-0.01
7) Phenol-d6	6.47	99	66908	7.71	ng		-0.02
23) Nitrobenzene-d5	7.42	82	59240	6.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	15379	7.62	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	136450	9.12	ng		-0.01
78) Terphenyl-d14	12.96	244	113854	6.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	13354	3.93	ng	#	31
3) Pyridine	3.24	79	28584	3.78	ng	#	95
4) n-Nitrosodimethylamine	3.14	42	11042	2.07	ng	#	93
6) Aniline	6.51	93	45198	4.01	ng		99
8) 2-Chlorophenol	6.64	128	27462	3.47	ng		83
9) Benzaldehyde	6.40	77	22908	4.49	ng		91
10) Phenol	6.48	94	36887	3.78	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	25332	3.38	ng	#	83
12) 1,3-Dichlorobenzene	6.80	146	32994m	3.83	ng		
13) 1,4-Dichlorobenzene	6.88	146	32977m	3.72	ng		
14) 1,2-Dichlorobenzene	7.03	146	31836	3.88	ng		95
15) Benzyl Alcohol	6.99	79	23226	3.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	39064	2.40	ng		99
17) 2-Methylphenol	7.11	107	22290m	3.48	ng		
18) Hexachloroethane	7.37	117	10310	3.13	ng	#	76
19) n-Nitroso-di-n-propylamine	7.27	70	21082	3.37	ng		92
20) 3+4-Methylphenols	7.26	107	30003	3.94	ng		95
22) Acetophenone	7.27	105	40473	3.52	ng	#	98
24) Nitrobenzene	7.44	77	28094	2.85	ng		98
25) Isophorone	7.68	82	53928	3.21	ng		99
26) 2-Nitrophenol	7.76	139	10897	2.71	ng	#	87
27) 2,4-Dimethylphenol	7.79	122	28925	3.97	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	37058	3.86	ng		97
29) 2,4-Dichlorophenol	8.00	162	21265	3.32	ng		90
30) 1,2,4-Trichlorobenzene	8.09	180	25139	3.44	ng		97
31) Naphthalene	8.17	128	85483	3.55	ng		98
32) Benzoic acid	7.84	122	7798	2.10	ng		97
33) 4-Chloroaniline	8.22	127	34813	3.88	ng	#	92
34) Hexachlorobutadiene	8.30	225	12023	2.75	ng		98
35) Caprolactam	8.54	113	6495	3.40	ng	#	88
36) 4-Chloro-3-methylphenol	8.68	107	24090	3.34	ng		97
37) 2-Methylnaphthalene	8.86	142	58773	3.89	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	23746	3.58	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	11796	5.09	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	16328	4.14	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	14860	3.69	ng	#	94
45) 1,1'-Biphenyl	9.32	154	71423	4.05	ng		96
46) 2-Chloronaphthalene	9.35	162	53209	3.95	ng	#	92
47) 2-Nitroaniline	9.44	65	10610	2.26	ng	#	63
48) Acenaphthylene	9.76	152	90085	4.19	ng		98
49) Dimethylphthalate	9.62	163	59755	3.55	ng		99
50) 2,6-Dinitrotoluene	9.68	165	12089	3.49	ng		93
51) Acenaphthene	9.93	154	56057	4.19	ng		97
52) 3-Nitroaniline	9.84	138	13424	3.83	ng		94
54) Dibenzofuran	10.10	168	83191	4.57	ng		95
55) 4-Nitrophenol	9.99	139	9055	4.85	ng		87
56) 2,4-Dinitrotoluene	10.08	165	12607	2.75	ng	#	99
57) Fluorene	10.44	166	64855	4.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	13252	4.31	ng	#	56
59) Diethylphthalate	10.32	149	64747	3.97	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	26525	3.61	ng	#	86
61) 4-Nitroaniline	10.44	138	13092	3.90	ng		99
62) Azobenzene	10.59	77	55175	3.32	ng		91
65) n-Nitrosodiphenylamine	10.56	169	48681	3.52	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	14593	3.12	ng	#	71
67) Hexachlorobenzene	10.99	284	17495	3.61	ng	#	77
68) Atrazine	11.08	200	13282	3.01	ng		97
69) Pentachlorophenol	11.18	266	6498	4.12	ng		91
70) Phenanthrene	11.40	178	90013	3.83	ng		97
71) Anthracene	11.45	178	90034	3.72	ng		98
72) Carbazole	11.61	167	78565	3.83	ng	#	95
73) Di-n-butylphthalate	11.95	149	80262	3.07	ng		97
74) Fluoranthene	12.58	202	79994	3.37	ng		95
76) Benzidine	12.71	184	36773	3.59	ng		98
77) Pyrene	12.81	202	89620	3.48	ng		98
79) Butylbenzylphthalate	13.44	149	23147	2.04	ng	#	60
80) Benzo(a)anthracene	14.00	228	75125	3.68	ng		98
82) Chrysene	14.03	228	73231	3.60	ng		96
83) Bis(2-ethylhexyl)phthalate	14.01	149	38527	2.38	ng	#	99
84) Di-n-octyl phthalate	14.62	149	58729	2.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	47436	2.91	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	60324	3.43	ng		99
88) Benzo(k)fluoranthene	15.05	252	57701m	3.75	ng		
89) Benzo(a)pyrene	15.37	252	49583	3.23	ng		99
90) Dibenzo(a,h)anthracene	16.85	278	39123	3.00	ng		97
91) Benzo(g,h,i)perylene	17.23	276	39966	3.10	ng		97

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

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