Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080883.D
Acq On : 6 Aug 2015 11:01
Operator : TP/UM
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:13:58 AM

Quant Time: Aug 07 03:17:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 01:34:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54615	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	210230	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	105007	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	202103	20.00	ng		0.00
75) Chrysene-d12	13.95	240	188836	20.00	ng		-0.01
86) Perylene-d12	15.36	264	180735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	17559	5.13	ng		0.00
7) Phenol-d6	6.43	99	24431	5.18	ng		-0.01
23) Nitrobenzene-d5	7.37	82	26758	6.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	5740	5.09	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	42808	5.81	ng		0.00
78) Terphenyl-d14	12.91	244	49928	5.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	4046	2.44	ng		98
4) n-Nitrosodimethylamine	3.00	42	4995	2.07	ng	#	96
6) Aniline	6.46	93	18307	2.62	ng	#	92
8) 2-Chlorophenol	6.58	128	9539	2.45	ng		86
9) Benzaldehyde	6.35	77	8506	2.62	ng		86
10) Phenol	6.44	94	15253	2.70	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	9721	2.43	ng		93
12) 1,3-Dichlorobenzene	6.75	146	10733	2.54	ng		94
13) 1,4-Dichlorobenzene	6.83	146	10694	2.49	ng		96
14) 1,2-Dichlorobenzene	6.98	146	10964	2.78	ng		96
15) Benzyl Alcohol	6.94	79	8793	2.35	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	22492	2.74	ng		98
17) 2-Methylphenol	7.06	107	9502	2.73	ng		97
18) Hexachloroethane	7.32	117	4267	2.62	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	8782	2.62	ng	#	97
20) 3+4-Methylphenols	7.22	107	11379	2.69	ng		94
22) Acetophenone	7.22	105	15057	2.86	ng	#	79
24) Nitrobenzene	7.39	77	11750	2.58	ng	#	77
25) Isophorone	7.63	82	24064	2.81	ng		96
26) 2-Nitrophenol	7.71	139	4829	2.53	ng	#	86
27) 2,4-Dimethylphenol	7.74	122	9971	2.72	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	14774	2.91	ng		99
29) 2,4-Dichlorophenol	7.95	162	7776	2.66	ng		91
30) 1,2,4-Trichlorobenzene	8.04	180	8718	2.69	ng		96
31) Naphthalene	8.11	128	31882	2.79	ng		100
33) 4-Chloroaniline	8.17	127	13157	2.79	ng	#	93
34) Hexachlorobutadiene	8.24	225	5321	2.89	ng		98
35) Caprolactam	8.49	113	2745	2.52	ng	#	73
36) 4-Chloro-3-methylphenol	8.64	107	9057	2.58	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	8315	2.60	ng		99
42) 2,4,6-Trichlorophenol	9.08	196	6457	2.74	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	5882	2.49	ng	#	85
45) 1,1'-Biphenyl	9.26	154	23378	2.63	ng		95
46) 2-Chloronaphthalene	9.29	162	18502	2.66	ng	#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.38	65	6369	2.25	ng	#	82
48) Acenaphthylene	9.70	152	32217	2.64	ng		98
49) Dimethylphthalate	9.56	163	20729	2.49	ng		99
50) 2,6-Dinitrotoluene	9.63	165	4257	2.38	ng	#	50
51) Acenaphthene	9.88	154	19076	2.58	ng		98
52) 3-Nitroaniline	9.79	138	5323	2.41	ng		94
54) Dibenzofuran	10.05	168	27295	2.72	ng		91
55) 4-Nitrophenol	9.95	139	3581	2.15	ng		90
56) 2,4-Dinitrotoluene	10.03	165	5224	2.17	ng	#	58
57) Fluorene	10.38	166	22048	2.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	4926	2.60	ng	#	93
59) Diethylphthalate	10.27	149	23741	2.61	ng	#	92
60) 4-Chlorophenyl-phenylether	10.38	204	10629	2.89	ng		95
61) 4-Nitroaniline	10.40	138	5541	2.44	ng		92
62) Azobenzene	10.54	77	25429	2.55	ng		89
65) n-Nitrosodiphenylamine	10.50	169	21107	2.93	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	6650	3.03	ng	#	86
67) Hexachlorobenzene	10.93	284	6444	2.71	ng	#	68
68) Atrazine	11.02	200	5299	2.55	ng		92
70) Phenanthrene	11.34	178	35052	2.96	ng		98
71) Anthracene	11.40	178	33636	2.89	ng		99
72) Carbazole	11.55	167	33049	2.81	ng		99
73) Di-n-butylphthalate	11.89	149	40699	2.84	ng		98
74) Fluoranthene	12.53	202	37220	2.88	ng		93
76) Benzidine	12.66	184	16085	2.09	ng		98
77) Pyrene	12.76	202	37746	2.69	ng		96
79) Butylbenzylphthalate	13.38	149	15537	2.31	ng	#	64
80) Benzo(a)anthracene	13.94	228	34987	2.84	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	11464	2.48	ng	#	97
82) Chrysene	13.97	228	32405	2.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	23291	2.53	ng	#	96
84) Di-n-octyl phthalate	14.56	149	40177	2.48	ng		96
85) Indeno(1,2,3-cd)pyrene	16.71	276	28085	2.45	ng		99
87) Benzo(b)fluoranthene	14.96	252	32978m	2.60	ng		
88) Benzo(k)fluoranthene	14.98	252	30580m	2.84	ng		
89) Benzo(a)pyrene	15.30	252	27648	2.53	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	23904	2.54	ng		98
91) Benzo(g,h,i)perylene	17.11	276	22868	2.50	ng		95

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

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