Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077268.D
Acq On : 11 Feb 2015 23:20
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/12/2015 4:14:25 PM

Quant Time: Feb 12 03:36:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	27348	20.00	ng		-0.06
21) Naphthalene-d8	10.45	136	113534m	20.00	ng		-0.05
38) Acenaphthene-d10	14.58	164	60055	20.00	ng		-0.05
63) Phenanthrene-d10	17.47	188	101303	20.00	ng		-0.03
75) Chrysene-d12	20.98	240	92955	20.00	ng		-0.03
86) Perylene-d12	22.60	264	83625	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.54	112	132869	79.88	ng		-0.05
7) Phenol-d6	6.97	99	169450	80.76	ng		-0.05
23) Nitrobenzene-d5	8.85	82	180479	88.07	ng		-0.05
41) 2,4,6-Tribromophenol	16.34	330	41759	85.66	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	356514	90.34	ng		-0.05
78) Terphenyl-d14	19.72	244	348371	86.28	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.02	88	24519	34.43	ng		96
3) Pyridine	1.44	79	81020	43.96	ng		97
4) n-Nitrosodimethylamine	1.41	42	30245	33.13	ng		98
6) Aniline	6.83	93	119643	41.20	ng		96
8) 2-Chlorophenol	7.07	128	78798	41.09	ng		95
9) Benzaldehyde	6.54	77	43345	35.44	ng		96
10) Phenol	7.00	94	81626	36.63	ng		96
11) bis(2-Chloroethyl)ether	7.09	93	69715	39.99	ng	#	80
12) 1,3-Dichlorobenzene	7.38	146	90298	41.39	ng		98
13) 1,4-Dichlorobenzene	7.58	146	92947	40.18	ng		99
14) 1,2-Dichlorobenzene	7.89	146	85170	39.96	ng		97
15) Benzyl Alcohol	8.01	79	70898	41.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	98973	42.23	ng	#	72
17) 2-Methylphenol	8.36	107	65368m	41.71	ng		
18) Hexachloroethane	8.64	117	33900	42.13	ng		97
19) n-Nitroso-di-n-propylamine	8.64	70	60058	40.89	ng		99
20) 3+4-Methylphenols	8.75	107	84293m	40.62	ng		
22) Acetophenone	8.54	105	120104	43.19	ng		95
24) Nitrobenzene	8.90	77	86203	41.29	ng		100
25) Isophorone	9.50	82	161833	43.36	ng		96
26) 2-Nitrophenol	9.64	139	41225	38.91	ng		92
27) 2,4-Dimethylphenol	9.94	122	69327	42.94	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	94070	44.35	ng		99
29) 2,4-Dichlorophenol	10.26	162	65200m	43.33	ng		
30) 1,2,4-Trichlorobenzene	10.37	180	72383	43.31	ng		96
31) Naphthalene	10.50	128	249293	42.65	ng		98
32) Benzoic acid	10.34	122	13846m	15.48	ng		
33) 4-Chloroaniline	10.76	127	95490	40.43	ng		99
34) Hexachlorobutadiene	10.88	225	43613	43.98	ng		96
35) Caprolactam	11.63	113	19003m	42.90	ng		
36) 4-Chloro-3-methylphenol	12.09	107	67701	39.30	ng		98
37) 2-Methylnaphthalene	12.16	142	170497	42.71	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	64351	43.34	ng		99
40) Hexachlorocyclopentadiene	12.55	237	21155	29.53	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	46508	42.99	ng		97
43) 2,4,5-Trichlorophenol	13.03	196	50548m	45.81	ng		
45) 1,1'-Biphenyl	13.31	154	200121	44.95	ng		99
46) 2-Chloronaphthalene	13.28	162	160115	43.70	ng		99
47) 2-Nitroaniline	13.64	65	49678	44.70	ng	#	88
48) Acenaphthylene	14.23	152	273809	44.31	ng		99
49) Dimethylphthalate	14.20	163	191443	44.95	ng		99
50) 2,6-Dinitrotoluene	14.29	165	40224	47.27	ng		97
51) Acenaphthene	14.65	154	152047	43.37	ng		97
52) 3-Nitroaniline	14.64	138	43812	39.75	ng		96
53) 2,4-Dinitrophenol	14.96	184	7288	27.32	ng		97
54) Dibenzofuran	15.07	168	222149	43.49	ng		98
55) 4-Nitrophenol	15.29	139	22020m	32.98	ng		
56) 2,4-Dinitrotoluene	15.23	165	51092	40.40	ng		95
57) Fluorene	15.85	166	186158	43.02	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.45	232	31076	38.68	ng	#	89
59) Diethylphthalate	15.87	149	197965	45.99	ng		99
60) 4-Chlorophenyl-phenylether	15.95	204	79490	44.90	ng		94
61) 4-Nitroaniline	16.02	138	41353	38.83	ng		92
62) Azobenzene	16.25	77	187067m	41.71	ng		
64) 4,6-Dinitro-2-methylphenol	16.10	198	21659	34.28	ng		87
65) n-Nitrosodiphenylamine	16.21	169	158709	43.94	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	45468	44.30	ng		93
67) Hexachlorobenzene	16.84	284	46340	42.85	ng	#	85
68) Atrazine	17.23	200	47150	43.02	ng		95
69) Pentachlorophenol	17.23	266	13028	30.90	ng		95
70) Phenanthrene	17.51	178	263429	41.70	ng		99
71) Anthracene	17.59	178	266170	43.21	ng		98
72) Carbazole	17.88	167	251725	42.13	ng		99
73) Di-n-butylphthalate	18.49	149	318710	46.08	ng		98
74) Fluoranthene	19.16	202	262805	40.60	ng		99
76) Benzidine	19.41	184	101706	34.19	ng		100
77) Pyrene	19.45	202	278463	43.71	ng		99
79) Butylbenzylphthalate	20.39	149	136351	47.26	ng	#	82
80) Benzo(a)anthracene	20.97	228	246828	42.32	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	78987	42.62	ng	#	94
82) Chrysene	21.01	228	225788	42.45	ng		99
83) Bis(2-ethylhexyl)phthalate	21.14	149	198604	49.75	ng		99
84) Di-n-octyl phthalate	21.89	149	341558	49.30	ng		100
85) Indeno(1,2,3-cd)pyrene	23.65	276	267377	47.44	ng	#	85
87) Benzo(b)fluoranthene	22.21	252	247819	44.00	ng	#	95
88) Benzo(k)fluoranthene	22.24	252	208437m	42.36	ng		
89) Benzo(a)pyrene	22.55	252	214147	43.10	ng		97
90) Dibenzo(a,h)anthracene	23.67	278	210166	46.10	ng	#	92
91) Benzo(g,h,i)perylene	23.91	276	209536	46.24	ng		94

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

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