Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077286.D
Acq On : 12 Feb 2015 15:21
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDICC025

Manual Integrations APPROVED
mohammad
2/13/2015 5:39:58 PM

Quant Time: Feb 13 02:03:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 01:12:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	24347	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	111971	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	60236	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	98470	20.00	ng		0.00
75) Chrysene-d12	20.96	240	95754	20.00	ng		0.00
86) Perylene-d12	22.59	264	82048	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	77134	52.04	ng		0.01
7) Phenol-d6	6.93	99	97112	51.88	ng		0.00
23) Nitrobenzene-d5	8.81	82	98237	48.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.31	330	25195	51.62	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	196800	49.64	ng		0.00
78) Terphenyl-d14	19.69	244	213009	51.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.00	88	13451	21.47	ng		89
3) Pyridine	1.42	79	37445	23.81	ng		87
4) n-Nitrosodimethylamine	1.38	42	23696	28.90	ng	#	74
6) Aniline	6.78	93	65042	25.27	ng		95
8) 2-Chlorophenol	7.04	128	44419	25.91	ng		97
9) Benzaldehyde	6.50	77	33978	30.29	ng		95
10) Phenol	6.97	94	53265m	26.80	ng		
11) bis(2-Chloroethyl)ether	7.05	93	41140	26.24	ng		97
12) 1,3-Dichlorobenzene	7.33	146	48842	25.20	ng		94
13) 1,4-Dichlorobenzene	7.54	146	49198	24.06	ng		94
14) 1,2-Dichlorobenzene	7.85	146	47148	24.93	ng		94
15) Benzyl Alcohol	7.96	79	41478	27.48	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.30	45	56181	26.83	ng		96
17) 2-Methylphenol	8.33	107	36153	26.04	ng		96
18) Hexachloroethane	8.59	117	18593	25.93	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	33644	25.79	ng		94
20) 3+4-Methylphenols	8.72	107	45871m	24.98	ng		
22) Acetophenone	8.51	105	68550	25.04	ng		98
24) Nitrobenzene	8.85	77	47389	23.18	ng		97
25) Isophorone	9.46	82	87789	24.08	ng		97
26) 2-Nitrophenol	9.60	139	23022m	24.27	ng		
27) 2,4-Dimethylphenol	9.90	122	41255	26.03	ng		87
28) bis(2-Chloroethoxy)methane	10.10	93	53453	25.50	ng		96
29) 2,4-Dichlorophenol	10.22	162	37949m	25.42	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	40413	24.78	ng		100
31) Naphthalene	10.45	128	138293	24.32	ng		99
32) Benzoic acid	10.29	122	3857	4.97	ng	#	75
33) 4-Chloroaniline	10.73	127	56598m	24.41	ng		
34) Hexachlorobutadiene	10.83	225	22719	23.72	ng		99
35) Caprolactam	11.57	113	10961	25.40	ng		92
36) 4-Chloro-3-methylphenol	12.05	107	40317	23.82	ng		92
37) 2-Methylnaphthalene	12.11	142	97289	24.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	37554	25.05	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	12844	21.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	24132m	22.71	ng		
43) 2,4,5-Trichlorophenol	12.99	196	25607m	23.38	ng		
45) 1,1'-Biphenyl	13.27	154	113469	25.36	ng		98
46) 2-Chloronaphthalene	13.24	162	89803	24.44	ng		96
47) 2-Nitroaniline	13.60	65	27474m	24.66	ng		
48) Acenaphthylene	14.18	152	147195	24.02	ng		98
49) Dimethylphthalate	14.15	163	105875	24.70	ng		99
50) 2,6-Dinitrotoluene	14.25	165	21753	25.71	ng	#	85
51) Acenaphthene	14.60	154	85009	24.35	ng		96
52) 3-Nitroaniline	14.59	138	26092m	25.64	ng		
53) 2,4-Dinitrophenol	14.92	184	2520	9.27	ng	#	62
54) Dibenzofuran	15.03	168	128247	25.00	ng		99
55) 4-Nitrophenol	15.28	139	11933m	18.44	ng		
56) 2,4-Dinitrotoluene	15.19	165	28782	24.97	ng		97
57) Fluorene	15.80	166	103632	23.94	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.40	232	14337	17.93	ng	#	100
59) Diethylphthalate	15.83	149	112476	25.82	ng		98
60) 4-Chlorophenyl-phenylether	15.92	204	44691	25.16	ng		99
61) 4-Nitroaniline	15.99	138	24739	25.21	ng		93
62) Azobenzene	16.21	77	107497m	24.16	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	10897	21.90	ng		85
65) n-Nitrosodiphenylamine	16.17	169	89273	25.61	ng		97
66) 4-Bromophenyl-phenylether	16.80	248	25507	25.65	ng		98
67) Hexachlorobenzene	16.81	284	26173	24.93	ng		95
68) Atrazine	17.20	200	29386	28.07	ng		94
69) Pentachlorophenol	17.21	266	5083	13.60	ng	#	84
70) Phenanthrene	17.47	178	152175	24.94	ng		99
71) Anthracene	17.55	178	152945	25.53	ng		99
72) Carbazole	17.85	167	144682	25.07	ng		98
73) Di-n-butylphthalate	18.45	149	185761	27.49	ng		100
74) Fluoranthene	19.13	202	155775	25.05	ng		98
76) Benzidine	19.38	184	101703	32.37	ng		99
77) Pyrene	19.41	202	158432	24.57	ng		99
79) Butylbenzylphthalate	20.36	149	79718	26.77	ng		95
80) Benzo(a)anthracene	20.95	228	142810	23.97	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	53065	27.43	ng		99
82) Chrysene	20.98	228	136214	25.28	ng		99
83) Bis(2-ethylhexyl)phthalate	21.11	149	121808	29.14	ng	#	99
84) Di-n-octyl phthalate	21.86	149	209247	28.81	ng		99
85) Indeno(1,2,3-cd)pyrene	23.68	276	126338m	22.27	ng		
87) Benzo(b)fluoranthene	22.18	252	156247	28.25	ng	#	97
88) Benzo(k)fluoranthene	22.21	252	95077m	19.93	ng		
89) Benzo(a)pyrene	22.53	252	121775	25.09	ng	#	97
90) Dibenzo(a,h)anthracene	23.70	278	107026m	24.24	ng		
91) Benzo(g,h,i)perylene	23.93	276	102256m	23.31	ng		

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

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