Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077270.D
Acq On : 12 Feb 2015 4:18
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/12/2015 4:14:46 PM

Quant Time: Feb 12 11:31:22 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	27472	20.00	ng		-0.06
21) Naphthalene-d8	10.45	136	121088m	20.00	ng		-0.05
38) Acenaphthene-d10	14.57	164	65399	20.00	ng		-0.06
63) Phenanthrene-d10	17.47	188	101956	20.00	ng		-0.03
75) Chrysene-d12	20.98	240	96829	20.00	ng		-0.03
86) Perylene-d12	22.61	264	84568	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.54	112	139813	83.68	ng		-0.05
7) Phenol-d6	6.97	99	174996	83.02	ng		-0.05
23) Nitrobenzene-d5	8.86	82	191294	87.52	ng		-0.03
41) 2,4,6-Tribromophenol	16.34	330	43430m	81.81	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	372365	86.65	ng		-0.05
78) Terphenyl-d14	19.72	244	364574	86.68	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.02	88	26929	37.64	ng		90
3) Pyridine	1.44	79	78923	42.63	ng		94
4) n-Nitrosodimethylamine	1.41	42	35678	38.90	ng		96
6) Aniline	6.83	93	123506	42.34	ng		97
8) 2-Chlorophenol	7.07	128	84093	43.66	ng		94
9) Benzaldehyde	6.54	77	46202	38.08	ng		95
10) Phenol	7.00	94	83875	37.47	ng		93
11) bis(2-Chloroethyl)ether	7.09	93	78183	44.64	ng	#	78
12) 1,3-Dichlorobenzene	7.38	146	94054	42.92	ng		95
13) 1,4-Dichlorobenzene	7.58	146	96112	41.36	ng		99
14) 1,2-Dichlorobenzene	7.89	146	90282	42.16	ng		98
15) Benzyl Alcohol	8.01	79	74762	43.83	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	107466	45.65	ng	#	70
17) 2-Methylphenol	8.36	107	67007m	42.57	ng		
18) Hexachloroethane	8.64	117	36008	44.55	ng		97
19) n-Nitroso-di-n-propylamine	8.64	70	66045	44.76	ng		95
20) 3+4-Methylphenols	8.75	107	86291m	41.40	ng		
22) Acetophenone	8.56	105	124284	41.90	ng		95
24) Nitrobenzene	8.90	77	90870	40.81	ng		97
25) Isophorone	9.50	82	173313	43.54	ng		98
26) 2-Nitrophenol	9.64	139	44133	39.05	ng	#	87
27) 2,4-Dimethylphenol	9.94	122	73551	42.72	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	100493	44.42	ng		99
29) 2,4-Dichlorophenol	10.26	162	69766m	43.47	ng		
30) 1,2,4-Trichlorobenzene	10.37	180	78439	44.01	ng		97
31) Naphthalene	10.50	128	262276	42.07	ng		99
32) Benzoic acid	10.35	122	11213m	11.75	ng		
33) 4-Chloroaniline	10.76	127	104299m	41.40	ng		
34) Hexachlorobutadiene	10.88	225	47853	45.25	ng		99
35) Caprolactam	11.64	113	17421m	36.87	ng		
36) 4-Chloro-3-methylphenol	12.09	107	69752	37.96	ng		98
37) 2-Methylnaphthalene	12.16	142	180000	42.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	68201	42.18	ng		99
40) Hexachlorocyclopentadiene	12.55	237	24127	30.71	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	46394	39.38	ng		91
43) 2,4,5-Trichlorophenol	13.03	196	41660m	34.67	ng		
45) 1,1'-Biphenyl	13.31	154	209972	43.31	ng		99
46) 2-Chloronaphthalene	13.29	162	171546	43.00	ng		96
47) 2-Nitroaniline	13.64	65	51695	42.71	ng		97
48) Acenaphthylene	14.23	152	285224	42.38	ng		99
49) Dimethylphthalate	14.20	163	201811	43.51	ng		98
50) 2,6-Dinitrotoluene	14.29	165	39941	43.10	ng		94
51) Acenaphthene	14.65	154	161937	42.41	ng		99
52) 3-Nitroaniline	14.64	138	44637	37.31	ng		84
53) 2,4-Dinitrophenol	14.95	184	11392m	34.10	ng		
54) Dibenzofuran	15.07	168	236998	42.61	ng		97
55) 4-Nitrophenol	15.29	139	25294m	34.79	ng		
56) 2,4-Dinitrotoluene	15.23	165	54867	39.87	ng		95
57) Fluorene	15.85	166	197986	42.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	29755	34.01	ng	#	96
59) Diethylphthalate	15.87	149	209391	44.67	ng		99
60) 4-Chlorophenyl-phenylether	15.95	204	84037	43.59	ng		96
61) 4-Nitroaniline	16.03	138	40536	35.10	ng		97
62) Azobenzene	16.25	77	197765m	40.49	ng		
64) 4,6-Dinitro-2-methylphenol	16.10	198	20440	32.35	ng	#	61
65) n-Nitrosodiphenylamine	16.21	169	163417	44.95	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	48418	46.87	ng		98
67) Hexachlorobenzene	16.84	284	48981	45.00	ng	#	83
68) Atrazine	17.23	200	48720	44.16	ng		99
69) Pentachlorophenol	17.23	266	15247m	34.81	ng		
70) Phenanthrene	17.51	178	272910	42.92	ng		99
71) Anthracene	17.59	178	270465	43.62	ng		99
72) Carbazole	17.88	167	256735	42.69	ng		100
73) Di-n-butylphthalate	18.49	149	330060	47.42	ng		98
74) Fluoranthene	19.16	202	272813	41.87	ng		100
76) Benzidine	19.41	184	153457	49.53	ng		100
77) Pyrene	19.45	202	288117	43.42	ng		99
79) Butylbenzylphthalate	20.40	149	144671	48.14	ng		98
80) Benzo(a)anthracene	20.98	228	249877	41.13	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	87885	45.52	ng	#	96
82) Chrysene	21.01	228	232237	41.92	ng		99
83) Bis(2-ethylhexyl)phthalate	21.14	149	206922	49.76	ng		99
84) Di-n-octyl phthalate	21.89	149	355319	49.23	ng		99
85) Indeno(1,2,3-cd)pyrene	23.67	276	259599	44.21	ng	#	85
87) Benzo(b)fluoranthene	22.21	252	235215m	41.30	ng		
88) Benzo(k)fluoranthene	22.24	252	230049m	46.23	ng		
89) Benzo(a)pyrene	22.56	252	219357	43.66	ng		98
90) Dibenzo(a,h)anthracene	23.69	278	211353	45.85	ng	#	93
91) Benzo(g,h,i)perylene	23.93	276	213206	46.52	ng		97

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

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