Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080468.D
Acq On : 14 Jul 2015 17:18
Operator : TP/UM
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
apatel
7/16/2015 8:20:57 AM

Quant Time: Jul 15 01:51:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 01:24:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	15312	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	61517	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	28760	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	59268	20.00	ng		0.00
75) Chrysene-d12	14.45	240	57512	20.00	ng		-0.02
86) Perylene-d12	16.16	264	59443	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	48167	53.97	ng		0.00
7) Phenol-d6	6.77	99	58505	49.53	ng		0.00
23) Nitrobenzene-d5	7.69	82	58244	53.85	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	14002	50.64	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	108678	51.50	ng		0.00
78) Terphenyl-d14	13.28	244	123699	47.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	9598	23.17	ng		92
3) Pyridine	3.87	79	21201	22.01	ng		88
4) n-Nitrosodimethylamine	3.69	42	13014	24.89	ng	#	97
6) Aniline	6.80	93	45452	29.85	ng		97
8) 2-Chlorophenol	6.92	128	25084	23.81	ng		98
9) Benzaldehyde	6.68	77	20171	30.32	ng		98
10) Phenol	6.78	94	35017	26.60	ng		99
11) bis(2-Chloroethyl)ether	6.85	93	24113	22.48	ng		97
12) 1,3-Dichlorobenzene	7.07	146	29297	24.26	ng		95
13) 1,4-Dichlorobenzene	7.14	146	33700	25.00	ng		98
14) 1,2-Dichlorobenzene	7.30	146	31128	24.24	ng		99
15) Benzyl Alcohol	7.28	79	21442	22.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.39	45	42268	27.03	ng		94
17) 2-Methylphenol	7.39	107	20512	22.66	ng		96
18) Hexachloroethane	7.64	117	10762	25.72	ng		96
19) n-Nitroso-di-n-propylamine	7.53	70	18910	23.17	ng		98
20) 3+4-Methylphenols	7.54	107	30185	25.88	ng		96
22) Acetophenone	7.53	105	36824	25.44	ng	#	94
24) Nitrobenzene	7.71	77	30293	25.62	ng		96
25) Isophorone	7.94	82	53829	27.72	ng		97
26) 2-Nitrophenol	8.03	139	13922	24.75	ng		96
27) 2,4-Dimethylphenol	8.06	122	25903	28.31	ng		97
28) bis(2-Chloroethoxy)methane	8.14	93	30882	26.80	ng		98
29) 2,4-Dichlorophenol	8.27	162	21202	25.82	ng		97
30) 1,2,4-Trichlorobenzene	8.35	180	26641	24.52	ng		99
31) Naphthalene	8.43	128	81184	24.42	ng		99
32) Benzoic acid	8.14	122	10387	17.18	ng		84
33) 4-Chloroaniline	8.49	127	33176	28.87	ng		98
34) Hexachlorobutadiene	8.54	225	13438	21.53	ng		93
35) Caprolactam	8.83	113	5629	23.94	ng	#	80
36) 4-Chloro-3-methylphenol	8.97	107	21310	24.70	ng	#	73
37) 2-Methylnaphthalene	9.13	142	52555	23.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	24451	25.89	ng		98
40) Hexachlorocyclopentadiene	9.28	237	10306	21.36	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	15283	27.54	ng		96
43) 2,4,5-Trichlorophenol	9.46	196	15565	26.39	ng		97
45) 1,1'-Biphenyl	9.58	154	66668	27.04	ng		97
46) 2-Chloronaphthalene	9.62	162	52183	28.04	ng		98
47) 2-Nitroaniline	9.72	65	14775	27.12	ng		99
48) Acenaphthylene	10.03	152	80948	25.90	ng		98
49) Dimethylphthalate	9.88	163	61264	28.37	ng		99
50) 2,6-Dinitrotoluene	9.95	165	12019	24.97	ng		88
51) Acenaphthene	10.20	154	50363	25.48	ng		98
52) 3-Nitroaniline	10.13	138	13151	27.62	ng		96
53) 2,4-Dinitrophenol	10.24	184	3765	20.85	ng		98
54) Dibenzofuran	10.37	168	69352	26.35	ng		98
55) 4-Nitrophenol	10.30	139	8794	25.72	ng		93
56) 2,4-Dinitrotoluene	10.35	165	13884	24.75	ng	#	28
57) Fluorene	10.72	166	56220	25.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.50	232	12827	25.35	ng	#	99
59) Diethylphthalate	10.58	149	59539	27.95	ng		98
60) 4-Chlorophenyl-phenylether	10.70	204	25808	24.44	ng		95
61) 4-Nitroaniline	10.75	138	11438	24.86	ng		95
62) Azobenzene	10.86	77	57394	25.45	ng		95
64) 4,6-Dinitro-2-methylphenol	10.76	198	7417	24.30	ng	#	77
65) n-Nitrosodiphenylamine	10.83	169	46150	25.08	ng		97
66) 4-Bromophenyl-phenylether	11.20	248	14899	24.15	ng		89
67) Hexachlorobenzene	11.28	284	15848	25.02	ng		94
68) Atrazine	11.34	200	15474	28.00	ng		97
69) Pentachlorophenol	11.47	266	7154	20.74	ng		95
70) Phenanthrene	11.69	178	87806	24.91	ng		99
71) Anthracene	11.73	178	80493	24.70	ng		99
72) Carbazole	11.91	167	70681	23.65	ng		99
73) Di-n-butylphthalate	12.20	149	74726	24.03	ng		98
74) Fluoranthene	12.90	202	83598	23.14	ng		98
76) Benzidine	13.03	184	45123	36.67	ng		100
77) Pyrene	13.14	202	89358	24.56	ng		98
79) Butylbenzylphthalate	13.78	149	33542	24.63	ng	#	86
80) Benzo(a)anthracene	14.44	228	84033	23.74	ng		98
81) 3,3'-Dichlorobenzidine	14.40	252	25419	23.78	ng	#	93
82) Chrysene	14.49	228	79939	24.21	ng		99
83) Bis(2-ethylhexyl)phthalate	14.41	149	45409	21.41	ng		99
84) Di-n-octyl phthalate	15.14	149	78151	20.90	ng		99
85) Indeno(1,2,3-cd)pyrene	17.78	276	116724	27.35	ng		99
87) Benzo(b)fluoranthene	15.68	252	82217	20.66	ng	#	98
88) Benzo(k)fluoranthene	15.70	252	80639m	23.87	ng		
89) Benzo(a)pyrene	16.09	252	81654	22.85	ng	#	97
90) Dibenzo(a,h)anthracene	17.79	278	93623	25.79	ng		97
91) Benzo(g,h,i)perylene	18.27	276	99811	27.48	ng		97

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

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