Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081002.D
Acq On : 17 Aug 2015 13:59
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:11:14 PM

Quant Time: Aug 17 14:27:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:12:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	44679	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	180427	20.00	ng		0.01
38) Acenaphthene-d10	9.66	164	80181	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	168238	20.00	ng		0.00
75) Chrysene-d12	13.75	240	128598	20.00	ng		0.00
86) Perylene-d12	15.10	264	94810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	180285	29.90	ng		0.00
7) Phenol-d6	6.26	99	244551	29.96	ng		0.00
23) Nitrobenzene-d5	7.20	82	262921	31.94	ng		0.01
41) 2,4,6-Tribromophenol	10.44	330	47086	32.53	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	407797	28.55	ng		0.00
78) Terphenyl-d14	12.72	244	423320	32.99	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	42846	30.87	ng		91
3) Pyridine	2.70	79	135061	40.66	ng		84
4) n-Nitrosodimethylamine	2.64	42	72713	34.85	ng		84
6) Aniline	6.28	93	181869	30.92	ng	#	83
8) 2-Chlorophenol	6.41	128	106738	31.94	ng	#	82
9) Benzaldehyde	6.17	77	90389	32.35	ng		87
10) Phenol	6.27	94	133697	26.58	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	103915	28.77	ng		89
12) 1,3-Dichlorobenzene	6.56	146	108323m	31.10	ng		
13) 1,4-Dichlorobenzene	6.64	146	110059	32.42	ng		93
14) 1,2-Dichlorobenzene	6.80	146	111335	32.79	ng		93
15) Benzyl Alcohol	6.78	79	105571	32.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	228145	31.96	ng		99
17) 2-Methylphenol	6.89	107	84248	29.13	ng		96
18) Hexachloroethane	7.14	117	46410	32.38	ng		96
19) n-Nitroso-di-n-propylamine	7.05	70	84980	31.21	ng		95
20) 3+4-Methylphenols	7.05	107	112645	29.68	ng	#	66
22) Acetophenone	7.04	105	142371	27.23	ng	#	94
24) Nitrobenzene	7.21	77	118233	25.63	ng		94
25) Isophorone	7.46	82	234259	30.99	ng	#	95
26) 2-Nitrophenol	7.53	139	51572	30.01	ng		87
27) 2,4-Dimethylphenol	7.58	122	89057	28.40	ng		95
28) bis(2-Chloroethoxy)methane	7.68	93	145991	30.97	ng		98
29) 2,4-Dichlorophenol	7.77	162	76986	29.38	ng		88
30) 1,2,4-Trichlorobenzene	7.86	180	88941	30.31	ng		96
31) Naphthalene	7.93	128	292271	27.45	ng		99
32) Benzoic acid	7.68	122	52134	34.96	ng		94
33) 4-Chloroaniline	7.99	127	124732	26.82	ng		96
34) Hexachlorobutadiene	8.06	225	48484	28.95	ng		97
35) Caprolactam	8.35	113	27969	30.70	ng	#	84
36) 4-Chloro-3-methylphenol	8.48	107	100632	33.01	ng		92
37) 2-Methylnaphthalene	8.63	142	210083	29.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	75616	28.41	ng		98
40) Hexachlorocyclopentadiene	8.79	237	38250	35.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	54673	29.81	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	59174	32.21	ng	#	91
45) 1,1'-Biphenyl	9.08	154	216898	29.09	ng		95
46) 2-Chloronaphthalene	9.11	162	170542	27.24	ng	#	91
47) 2-Nitroaniline	9.21	65	82101	37.49	ng	#	83
48) Acenaphthylene	9.52	152	307762	26.47	ng		99
49) Dimethylphthalate	9.39	163	195453	25.74	ng		99
50) 2,6-Dinitrotoluene	9.45	165	41646	27.08	ng	#	63
51) Acenaphthene	9.69	154	181205	27.12	ng		99
52) 3-Nitroaniline	9.62	138	61098	34.58	ng	#	74
53) 2,4-Dinitrophenol	9.72	184	19002	51.20	ng	#	54
54) Dibenzofuran	9.86	168	252299	26.82	ng		94
55) 4-Nitrophenol	9.78	139	42966	39.18	ng	#	73
56) 2,4-Dinitrotoluene	9.85	165	58862	29.25	ng	#	87
57) Fluorene	10.20	166	208719	28.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	44622	31.62	ng		96
59) Diethylphthalate	10.09	149	212410	26.57	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	90374	27.31	ng		90
61) 4-Nitroaniline	10.23	138	63557	33.13	ng		87
62) Azobenzene	10.36	77	257429	30.40	ng		90
64) 4,6-Dinitro-2-methylphenol	10.26	198	26710	31.30	ng	#	39
65) n-Nitrosodiphenylamine	10.32	169	169961	26.03	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	46237	27.47	ng	#	64
67) Hexachlorobenzene	10.75	284	49064	28.52	ng	#	84
68) Atrazine	10.86	200	57324	34.58	ng		97
69) Pentachlorophenol	10.94	266	27839	33.91	ng		96
70) Phenanthrene	11.15	178	277671	25.92	ng		100
71) Anthracene	11.21	178	315381	30.63	ng		99
72) Carbazole	11.37	167	287073	30.02	ng		97
73) Di-n-butylphthalate	11.71	149	363452	29.65	ng		100
74) Fluoranthene	12.33	202	298639	26.59	ng		92
76) Benzidine	12.47	184	176712	36.32	ng		99
77) Pyrene	12.56	202	327677	28.85	ng		98
79) Butylbenzylphthalate	13.20	149	152474	33.01	ng	#	85
80) Benzo(a)anthracene	13.75	228	268551	29.59	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	85170	28.78	ng		98
82) Chrysene	13.78	228	264945	31.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	184621	31.34	ng	#	97
84) Di-n-octyl phthalate	14.37	149	264451	30.44	ng		98
85) Indeno(1,2,3-cd)pyrene	16.33	276	162256	29.59	ng	#	94
87) Benzo(b)fluoranthene	14.74	252	251238m	32.26	ng		
88) Benzo(k)fluoranthene	14.77	252	159180m	28.15	ng		
89) Benzo(a)pyrene	15.05	252	182990	30.82	ng		99
90) Dibenzo(a,h)anthracene	16.34	278	133946	30.87	ng	#	93
91) Benzo(g,h,i)perylene	16.70	276	134059	31.24	ng	#	91

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

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