Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080887.D
Acq On : 6 Aug 2015 13:04
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:14:28 AM

Quant Time: Aug 07 02:28:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 01:34:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50511	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	217080	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	100610	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	206710	20.00	ng		0.00
75) Chrysene-d12	13.96	240	187060	20.00	ng		0.00
86) Perylene-d12	15.36	264	177403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	333466	105.24	ng		0.00
7) Phenol-d6	6.44	99	425335	97.51	ng		0.00
23) Nitrobenzene-d5	7.38	82	421090	91.38	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	103012	95.32	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	626882	88.81	ng		0.00
78) Terphenyl-d14	12.91	244	756633	85.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	78588	51.20	ng		98
3) Pyridine	3.04	79	239696	55.36	ng		98
4) n-Nitrosodimethylamine	2.98	42	120920	54.15	ng		99
6) Aniline	6.48	93	337192	52.12	ng		91
8) 2-Chlorophenol	6.59	128	180303	50.12	ng		96
9) Benzaldehyde	6.35	77	148470	49.41	ng		100
10) Phenol	6.45	94	238134	45.50	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	178170	48.08	ng		98
12) 1,3-Dichlorobenzene	6.75	146	204151	52.31	ng		99
13) 1,4-Dichlorobenzene	6.83	146	211211	53.15	ng		99
14) 1,2-Dichlorobenzene	6.98	146	172975	47.48	ng		97
15) Benzyl Alcohol	6.96	79	177999	51.45	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	373359	49.09	ng		99
17) 2-Methylphenol	7.07	107	165571	51.35	ng		99
18) Hexachloroethane	7.32	117	75318	49.91	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	145263	46.77	ng		96
20) 3+4-Methylphenols	7.23	107	208655	53.39	ng		95
22) Acetophenone	7.23	105	270236	49.78	ng	#	82
24) Nitrobenzene	7.40	77	250406	53.32	ng	#	84
25) Isophorone	7.64	82	434315	49.17	ng		97
26) 2-Nitrophenol	7.71	139	91705	46.53	ng		95
27) 2,4-Dimethylphenol	7.76	122	191724	50.70	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	238314	45.52	ng		100
29) 2,4-Dichlorophenol	7.95	162	144370	47.89	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	168000	50.26	ng		99
31) Naphthalene	8.12	128	595238	50.53	ng		99
32) Benzoic acid	7.88	122	129030	53.65	ng		99
33) 4-Chloroaniline	8.17	127	225305	46.27	ng		98
34) Hexachlorobutadiene	8.24	225	89145	46.88	ng		98
35) Caprolactam	8.56	113	61889	55.00	ng	#	76
36) 4-Chloro-3-methylphenol	8.65	107	175433	48.31	ng		97
37) 2-Methylnaphthalene	8.81	142	333775	45.96	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	163027	53.19	ng		99
40) Hexachlorocyclopentadiene	8.97	237	98226	55.86	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	110331	48.80	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	122236	54.10	ng	#	93
45) 1,1'-Biphenyl	9.28	154	444315	52.20	ng		99
46) 2-Chloronaphthalene	9.30	162	348985	52.44	ng		98
47) 2-Nitroaniline	9.39	65	130441	48.19	ng		99
48) Acenaphthylene	9.71	152	555996	47.63	ng		100
49) Dimethylphthalate	9.58	163	448206	56.10	ng	#	99
50) 2,6-Dinitrotoluene	9.64	165	97639	56.99	ng	#	62
51) Acenaphthene	9.88	154	335513	47.31	ng		100
52) 3-Nitroaniline	9.80	138	99106	46.79	ng		94
53) 2,4-Dinitrophenol	9.90	184	48126	51.27	ng	#	85
54) Dibenzofuran	10.05	168	456886	47.56	ng		98
55) 4-Nitrophenol	9.96	139	85534	53.50	ng	#	67
56) 2,4-Dinitrotoluene	10.04	165	134859	58.51	ng	#	70
57) Fluorene	10.40	166	365087	48.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	90441	49.81	ng		98
59) Diethylphthalate	10.28	149	449897	51.69	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	173177	49.16	ng	#	74
61) 4-Nitroaniline	10.42	138	110670	50.94	ng		85
62) Azobenzene	10.54	77	481273	50.46	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	64221	47.69	ng	#	67
65) n-Nitrosodiphenylamine	10.51	169	337337	45.80	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	99086	44.11	ng		92
67) Hexachlorobenzene	10.94	284	125107	51.50	ng	#	91
68) Atrazine	11.04	200	95511	44.91	ng		99
69) Pentachlorophenol	11.14	266	74224	54.51	ng		98
70) Phenanthrene	11.36	178	625423	51.70	ng		99
71) Anthracene	11.40	178	529758	44.50	ng		100
72) Carbazole	11.56	167	621317	51.67	ng		99
73) Di-n-butylphthalate	11.89	149	667091	45.50	ng		100
74) Fluoranthene	12.53	202	598512	45.25	ng		99
76) Benzidine	12.66	184	360536	47.18	ng		99
77) Pyrene	12.76	202	610990	43.94	ng		99
79) Butylbenzylphthalate	13.39	149	340407	51.19	ng		97
80) Benzo(a)anthracene	13.95	228	549157	44.94	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	220153	48.12	ng	#	99
82) Chrysene	13.99	228	517670	44.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	450685	49.45	ng		100
84) Di-n-octyl phthalate	14.56	149	751172	46.77	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	547012	48.10	ng		99
87) Benzo(b)fluoranthene	14.97	252	573546	46.04	ng		98
88) Benzo(k)fluoranthene	15.00	252	545125m	51.61	ng		
89) Benzo(a)pyrene	15.31	252	529364	49.30	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	453677	49.02	ng	#	96
91) Benzo(g,h,i)perylene	17.14	276	437795	48.80	ng		97

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

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