Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080891.D
Acq On : 6 Aug 2015 16:17
Operator : TP/UM
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:14:55 AM

Quant Time: Aug 07 02:13:23 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	53691	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	202447	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	105562	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	203700	20.00	ng		0.00
75) Chrysene-d12	13.95	240	189255	20.00	ng		-0.01
86) Perylene-d12	15.36	264	179180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	67826	20.14	ng		-0.01
7) Phenol-d6	6.43	99	97906	21.12	ng		-0.01
23) Nitrobenzene-d5	7.37	82	92503	21.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	21648	19.09	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	162225	21.90	ng		0.00
78) Terphenyl-d14	12.91	244	193641	21.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	15801	9.69	ng		98
3) Pyridine	3.06	79	46084	10.01	ng		95
4) n-Nitrosodimethylamine	2.97	42	20799	8.76	ng		97
6) Aniline	6.46	93	71171	10.35	ng		90
8) 2-Chlorophenol	6.59	128	38834	10.15	ng	#	82
9) Benzaldehyde	6.35	77	33733	10.56	ng		90
10) Phenol	6.44	94	59918	10.77	ng		92
11) bis(2-Chloroethyl)ether	6.54	93	35662	9.05	ng	#	84
12) 1,3-Dichlorobenzene	6.75	146	41435m	9.99	ng		
13) 1,4-Dichlorobenzene	6.82	146	39376m	9.32	ng		
14) 1,2-Dichlorobenzene	6.98	146	43322	11.19	ng		96
15) Benzyl Alcohol	6.94	79	36345	9.88	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	83365	10.31	ng		99
17) 2-Methylphenol	7.06	107	34923	10.19	ng		97
18) Hexachloroethane	7.32	117	16760	10.45	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	35237	10.67	ng	#	96
20) 3+4-Methylphenols	7.22	107	42509	10.23	ng	#	81
22) Acetophenone	7.22	105	58877	11.63	ng	#	79
24) Nitrobenzene	7.39	77	47057	10.74	ng	#	83
25) Isophorone	7.63	82	92978	11.29	ng		97
26) 2-Nitrophenol	7.71	139	20156	10.97	ng	#	85
27) 2,4-Dimethylphenol	7.74	122	38135	10.81	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	56657	11.61	ng		98
29) 2,4-Dichlorophenol	7.95	162	29879	10.63	ng		91
30) 1,2,4-Trichlorobenzene	8.04	180	32870	10.55	ng		99
31) Naphthalene	8.11	128	116019	10.56	ng		98
32) Benzoic acid	7.81	122	17721	7.90	ng		97
33) 4-Chloroaniline	8.17	127	50453	11.11	ng	#	90
34) Hexachlorobutadiene	8.24	225	20064	11.31	ng		98
35) Caprolactam	8.50	113	10907	10.39	ng		94
36) 4-Chloro-3-methylphenol	8.64	107	34056	10.06	ng		94
37) 2-Methylnaphthalene	8.81	142	82561	12.19	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	31291	9.73	ng		99
40) Hexachlorocyclopentadiene	8.97	237	16609	9.00	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	24977	10.53	ng		95
43) 2,4,5-Trichlorophenol	9.12	196	24063	10.15	ng	#	86
45) 1,1'-Biphenyl	9.26	154	88584	9.92	ng		96
46) 2-Chloronaphthalene	9.29	162	69950	10.02	ng		94
47) 2-Nitroaniline	9.38	65	26505	9.33	ng	#	82
48) Acenaphthylene	9.70	152	124947	10.20	ng		99
49) Dimethylphthalate	9.56	163	77870	9.29	ng		100
50) 2,6-Dinitrotoluene	9.63	165	18430	10.25	ng	#	58
51) Acenaphthene	9.88	154	75484	10.14	ng		98
52) 3-Nitroaniline	9.79	138	22469	10.11	ng		94
53) 2,4-Dinitrophenol	9.89	184	6862	6.97	ng	#	68
54) Dibenzofuran	10.05	168	105106	10.43	ng	#	88
55) 4-Nitrophenol	9.95	139	15835	9.44	ng		95
56) 2,4-Dinitrotoluene	10.03	165	24320	10.06	ng	#	54
57) Fluorene	10.38	166	80598	10.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	19167	10.06	ng	#	96
59) Diethylphthalate	10.27	149	96729	10.59	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	38776	10.49	ng		92
61) 4-Nitroaniline	10.40	138	23147	10.15	ng		84
62) Azobenzene	10.54	77	99362	9.93	ng		90
64) 4,6-Dinitro-2-methylphenol	10.43	198	13431	10.12	ng		90
65) n-Nitrosodiphenylamine	10.50	169	79362	10.94	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	24066	10.87	ng	#	81
67) Hexachlorobenzene	10.93	284	25084	10.48	ng	#	70
68) Atrazine	11.02	200	22434	10.71	ng		95
69) Pentachlorophenol	11.13	266	13076	9.75	ng		99
70) Phenanthrene	11.34	178	126315	10.60	ng		100
71) Anthracene	11.40	178	130461	11.12	ng		98
72) Carbazole	11.55	167	125356	10.58	ng		99
73) Di-n-butylphthalate	11.89	149	166339	11.51	ng		99
74) Fluoranthene	12.53	202	146362	11.23	ng		94
76) Benzidine	12.66	184	82520	10.67	ng		99
77) Pyrene	12.76	202	147694	10.50	ng		97
79) Butylbenzylphthalate	13.38	149	65744	9.77	ng	#	70
80) Benzo(a)anthracene	13.94	228	134383	10.87	ng		97
81) 3,3'-Dichlorobenzidine	13.91	252	45662	9.86	ng	#	97
82) Chrysene	13.97	228	122535	10.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	97558	10.58	ng	#	95
84) Di-n-octyl phthalate	14.56	149	169108	10.41	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	121898	10.59	ng		98
87) Benzo(b)fluoranthene	14.96	252	125057m	9.94	ng		
88) Benzo(k)fluoranthene	14.98	252	122213m	11.46	ng		
89) Benzo(a)pyrene	15.30	252	116396	10.73	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	100963	10.80	ng		98
91) Benzo(g,h,i)perylene	17.11	276	99457	10.98	ng		99

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

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