Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081005.D
Acq On : 17 Aug 2015 15:51
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:11:38 PM

Quant Time: Aug 17 16:19:02 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 15:49:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	53555	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	218236	20.00	ng		0.01
38) Acenaphthene-d10	9.67	164	98495	20.00	ng		0.01
63) Phenanthrene-d10	11.13	188	192344	20.00	ng		0.00
75) Chrysene-d12	13.76	240	159291	20.00	ng		0.01
86) Perylene-d12	15.11	264	107633	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	432945	58.31	ng		0.01
7) Phenol-d6	6.27	99	529871	53.10	ng		0.01
23) Nitrobenzene-d5	7.20	82	545676	53.47	ng		0.01
41) 2,4,6-Tribromophenol	10.46	330	102234	56.63	ng		0.01
44) 2-Fluorobiphenyl	8.99	172	806666	49.43	ng		0.00
78) Terphenyl-d14	12.72	244	767698	47.28	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	101127	56.85	ng	#	92
3) Pyridine	2.68	79	304981	62.02	ng		85
4) n-Nitrosodimethylamine	2.65	42	157402	56.55	ng	#	80
6) Aniline	6.30	93	395010	54.57	ng	#	82
8) 2-Chlorophenol	6.41	128	222927	52.43	ng		98
9) Benzaldehyde	6.17	77	157115	45.97	ng		94
10) Phenol	6.28	94	289545	49.41	ng		87
11) bis(2-Chloroethyl)ether	6.38	93	261892	58.64	ng		96
12) 1,3-Dichlorobenzene	6.57	146	253403	57.57	ng		97
13) 1,4-Dichlorobenzene	6.65	146	249682	57.54	ng		98
14) 1,2-Dichlorobenzene	6.80	146	215977	50.38	ng		98
15) Benzyl Alcohol	6.79	79	230645	57.32	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.92	45	471879	52.70	ng		100
17) 2-Methylphenol	6.90	107	188849	53.07	ng		94
18) Hexachloroethane	7.14	117	96548	53.26	ng		99
19) n-Nitroso-di-n-propylamine	7.06	70	186961	55.07	ng		92
20) 3+4-Methylphenols	7.06	107	245957	53.28	ng	#	49
22) Acetophenone	7.05	105	301176	48.56	ng	#	93
24) Nitrobenzene	7.22	77	277477	50.75	ng		97
25) Isophorone	7.47	82	512422	54.37	ng	#	94
26) 2-Nitrophenol	7.54	139	124748	58.51	ng	#	62
27) 2,4-Dimethylphenol	7.59	122	211141	53.57	ng		93
28) bis(2-Chloroethoxy)methane	7.68	93	274273	48.53	ng		99
29) 2,4-Dichlorophenol	7.78	162	184930	56.10	ng		92
30) 1,2,4-Trichlorobenzene	7.86	180	197628	53.57	ng		99
31) Naphthalene	7.94	128	721006	55.93	ng		99
32) Benzoic acid	7.72	122	140578	69.59	ng		94
33) 4-Chloroaniline	8.00	127	301518	55.73	ng	#	85
34) Hexachlorobutadiene	8.07	225	110473	53.70	ng		98
35) Caprolactam	8.39	113	60528	51.79	ng	#	88
36) 4-Chloro-3-methylphenol	8.49	107	226219	58.00	ng		90
37) 2-Methylnaphthalene	8.63	142	394389	46.57	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	188872	56.64	ng		98
40) Hexachlorocyclopentadiene	8.79	237	104213	62.58	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	135528	58.19	ng		95
43) 2,4,5-Trichlorophenol	8.95	196	130211	53.61	ng	#	89
45) 1,1'-Biphenyl	9.10	154	499759	52.57	ng		96
46) 2-Chloronaphthalene	9.12	162	404872	54.27	ng		97
47) 2-Nitroaniline	9.21	65	158237	53.20	ng		99
48) Acenaphthylene	9.53	152	720245	53.39	ng		99
49) Dimethylphthalate	9.40	163	422028	48.11	ng		99
50) 2,6-Dinitrotoluene	9.46	165	91817	48.82	ng	#	73
51) Acenaphthene	9.70	154	454028	56.81	ng		100
52) 3-Nitroaniline	9.63	138	139706	60.86	ng	#	75
53) 2,4-Dinitrophenol	9.74	184	56055	73.38	ng	#	43
54) Dibenzofuran	9.87	168	578091	53.35	ng		99
55) 4-Nitrophenol	9.79	139	88619	55.34	ng	#	83
56) 2,4-Dinitrotoluene	9.86	165	122999	48.82	ng	#	75
57) Fluorene	10.20	166	413426	49.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	96517m	51.90	ng		
59) Diethylphthalate	10.10	149	466013	49.43	ng		97
60) 4-Chlorophenyl-phenylether	10.20	204	174442	46.38	ng		99
61) 4-Nitroaniline	10.24	138	122513	50.59	ng		92
62) Azobenzene	10.36	77	546674	50.91	ng		98
64) 4,6-Dinitro-2-methylphenol	10.27	198	75748	65.94	ng	#	41
65) n-Nitrosodiphenylamine	10.33	169	389584	52.76	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	116754	59.77	ng	#	89
67) Hexachlorobenzene	10.75	284	109044	53.05	ng	#	88
68) Atrazine	10.87	200	113303	56.54	ng		93
69) Pentachlorophenol	10.95	266	73842	63.21	ng		100
70) Phenanthrene	11.16	178	677125	56.30	ng		99
71) Anthracene	11.21	178	594106	49.92	ng		99
72) Carbazole	11.37	167	576441	49.83	ng		98
73) Di-n-butylphthalate	11.71	149	689670	49.09	ng		98
74) Fluoranthene	12.34	202	725228	55.88	ng		95
76) Benzidine	12.47	184	306372	45.24	ng		98
77) Pyrene	12.57	202	748461	54.38	ng		98
79) Butylbenzylphthalate	13.20	149	302823	49.73	ng	#	69
80) Benzo(a)anthracene	13.75	228	591363	51.26	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	201738	54.69	ng	#	96
82) Chrysene	13.78	228	493640	47.53	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	405292	53.25	ng	#	96
84) Di-n-octyl phthalate	14.38	149	630199	55.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.34	276	375472	53.19	ng	#	94
87) Benzo(b)fluoranthene	14.74	252	419865m	47.06	ng		
88) Benzo(k)fluoranthene	14.78	252	431742m	64.70	ng		
89) Benzo(a)pyrene	15.05	252	382809	54.89	ng	#	94
90) Dibenzo(a,h)anthracene	16.37	278	309724	58.25	ng		99
91) Benzo(g,h,i)perylene	16.72	276	314429	59.01	ng	#	94

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

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