Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083500.D
Acq On : 5 Dec 2015 00:24
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:41 PM

Quant Time: Dec 05 04:12:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	138485	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	556147	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	269811	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	513015	20.00	ng		0.00
75) Chrysene-d12	17.05	240	426687	20.00	ng		0.00
86) Perylene-d12	18.67	264	332480	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	475046	51.44	ng		0.00
7) Phenol-d6	5.32	99	664015	52.56	ng		0.00
23) Nitrobenzene-d5	6.59	82	604526	47.89	ng		-0.01
41) 2,4,6-Tribromophenol	11.74	330	130942	48.62	ng		-0.01
44) 2-Fluorobiphenyl	9.41	172	1020739	53.18	ng		-0.01
78) Terphenyl-d14	15.48	244	958468	52.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	122793	24.66	ng		96
3) Pyridine	2.32	79	290805	23.03	ng		99
4) n-Nitrosodimethylamine	2.27	42	144117	23.70	ng		96
6) Aniline	5.31	93	436301	25.24	ng		98
8) 2-Chlorophenol	5.48	128	258628	25.47	ng		97
9) Benzaldehyde	5.16	77	193433	29.59	ng		96
10) Phenol	5.33	94	365466	24.18	ng		88
11) bis(2-Chloroethyl)ether	5.42	93	286230	25.80	ng		97
12) 1,3-Dichlorobenzene	5.69	146	288899	25.50	ng		99
13) 1,4-Dichlorobenzene	5.79	146	293160	25.17	ng		99
14) 1,2-Dichlorobenzene	6.01	146	274574	25.43	ng		99
15) Benzyl Alcohol	6.01	79	232033	24.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.20	45	524414	26.90	ng		91
17) 2-Methylphenol	6.19	107	218709	25.77	ng		99
18) Hexachloroethane	6.49	117	104098	25.56	ng	#	86
19) n-Nitroso-di-n-propylamine	6.40	70	218128	24.49	ng		95
20) 3+4-Methylphenols	6.43	107	280423	24.45	ng		99
22) Acetophenone	6.37	105	406488	24.56	ng	#	94
24) Nitrobenzene	6.62	77	327206	24.24	ng		95
25) Isophorone	6.99	82	572827	23.54	ng		97
26) 2-Nitrophenol	7.10	139	133363	24.12	ng		97
27) 2,4-Dimethylphenol	7.22	122	236110	25.64	ng		97
28) bis(2-Chloroethoxy)methane	7.36	93	328504	23.59	ng		98
29) 2,4-Dichlorophenol	7.49	162	212191	23.87	ng		93
30) 1,2,4-Trichlorobenzene	7.60	180	232268	24.07	ng		99
31) Naphthalene	7.71	128	751295	24.77	ng		99
32) Benzoic acid	7.46	122	124400	19.97	ng		98
33) 4-Chloroaniline	7.82	127	297645	23.28	ng		98
34) Hexachlorobutadiene	7.92	225	133605	24.21	ng		98
35) Caprolactam	8.41	113	65877	23.71	ng	#	89
36) 4-Chloro-3-methylphenol	8.66	107	236253	23.79	ng		96
37) 2-Methylnaphthalene	8.81	142	467117	23.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	226937	26.20	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	53973	14.05	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	142748	23.95	ng		99
43) 2,4,5-Trichlorophenol	9.37	196	145805	23.78	ng		99
45) 1,1'-Biphenyl	9.56	154	616596	25.90	ng		99
46) 2-Chloronaphthalene	9.57	162	464560	25.59	ng		93
47) 2-Nitroaniline	9.78	65	169004	24.08	ng		94
48) Acenaphthylene	10.24	152	755876	25.99	ng		99
49) Dimethylphthalate	10.11	163	547641	24.74	ng		98
50) 2,6-Dinitrotoluene	10.19	165	115484	24.73	ng		87
51) Acenaphthene	10.51	154	429980	25.25	ng		98
52) 3-Nitroaniline	10.45	138	128235	23.99	ng		87
53) 2,4-Dinitrophenol	10.65	184	47765	20.05	ng		88
54) Dibenzofuran	10.80	168	602028	24.22	ng		96
55) 4-Nitrophenol	10.83	139	69617m	21.05	ng		
56) 2,4-Dinitrotoluene	10.84	165	150963	25.30	ng	#	90
57) Fluorene	11.36	166	527964	26.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.04	232	113145	23.00	ng	#	100
59) Diethylphthalate	11.25	149	527370	25.15	ng		98
60) 4-Chlorophenyl-phenylether	11.38	204	251127	27.52	ng		97
61) 4-Nitroaniline	11.45	138	115532	21.77	ng		92
62) Azobenzene	11.63	77	538083	21.82	ng		94
64) 4,6-Dinitro-2-methylphenol	11.50	198	79331	23.41	ng		81
65) n-Nitrosodiphenylamine	11.58	169	435437	24.34	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	141884	25.21	ng		96
67) Hexachlorobenzene	12.24	284	155245	25.11	ng		93
68) Atrazine	12.50	200	135401	26.59	ng		99
69) Pentachlorophenol	12.59	266	59377	18.96	ng		98
70) Phenanthrene	12.89	178	757981	24.93	ng		99
71) Anthracene	12.98	178	782371	25.47	ng		100
72) Carbazole	13.27	167	680548	24.79	ng		98
73) Di-n-butylphthalate	13.91	149	818638	25.01	ng		99
74) Fluoranthene	14.82	202	771728	24.54	ng		98
76) Benzidine	15.08	184	405459	30.69	ng		98
77) Pyrene	15.17	202	793652	26.13	ng		99
79) Butylbenzylphthalate	16.32	149	325447	25.30	ng		97
80) Benzo(a)anthracene	17.04	228	650544	24.88	ng		99
81) 3,3'-Dichlorobenzidine	17.03	252	217254	26.46	ng		98
82) Chrysene	17.08	228	623834	24.50	ng		98
83) Bis(2-ethylhexyl)phthalate	17.15	149	431537	25.12	ng	#	95
84) Di-n-octyl phthalate	17.92	149	608667	24.24	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	523385	27.58	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	487848m	23.12	ng		
88) Benzo(k)fluoranthene	18.32	252	514145m	25.50	ng		
89) Benzo(a)pyrene	18.61	252	465512	25.28	ng		98
90) Dibenzo(a,h)anthracene	19.93	278	443713	27.04	ng		100
91) Benzo(g,h,i)perylene	20.27	276	432011	26.63	ng		99

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

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