Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083732.D
Acq On : 13 Dec 2015 16:37
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:44 PM

Quant Time: Dec 14 01:33:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:56:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132323	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	508774	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	253681	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	431794	20.00	ng		0.00
75) Chrysene-d12	14.07	240	259385	20.00	ng		0.00
86) Perylene-d12	15.51	264	247523	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1233928	145.22	ng		0.01
7) Phenol-d6	6.56	99	1428680	133.91	ng		0.01
23) Nitrobenzene-d5	7.49	82	1345518	174.77	ng		0.01
41) 2,4,6-Tribromophenol	10.75	330	389569	161.28	ng		0.01
44) 2-Fluorobiphenyl	9.29	172	1981234	114.07	ng		0.01
78) Terphenyl-d14	13.02	244	1838400	158.91	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	300707	71.64	ng		98
3) Pyridine	3.30	79	790466	72.81	ng		99
4) n-Nitrosodimethylamine	3.26	42	301753	69.11	ng		100
6) Aniline	6.59	93	1016625	69.83	ng		98
8) 2-Chlorophenol	6.72	128	672443	70.34	ng		93
9) Benzaldehyde	6.46	77	314646	53.65	ng		92
10) Phenol	6.57	94	740059	59.08	ng		80
11) bis(2-Chloroethyl)ether	6.66	93	572580	64.64	ng		97
12) 1,3-Dichlorobenzene	6.86	146	696476m	66.46	ng		
13) 1,4-Dichlorobenzene	6.94	146	768040	73.84	ng		93
14) 1,2-Dichlorobenzene	7.09	146	594312	60.99	ng		94
15) Benzyl Alcohol	7.07	79	574025	74.79	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	800663	64.73	ng		96
17) 2-Methylphenol	7.17	107	582281	75.86	ng		95
18) Hexachloroethane	7.44	117	260227	73.00	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	465319	75.94	ng	#	90
20) 3+4-Methylphenols	7.33	107	544558	58.83	ng		93
22) Acetophenone	7.33	105	884840	71.39	ng	#	80
24) Nitrobenzene	7.50	77	662078	78.13	ng		97
25) Isophorone	7.76	82	1360874	79.55	ng		99
26) 2-Nitrophenol	7.82	139	399231	110.82	ng	#	87
27) 2,4-Dimethylphenol	7.86	122	617468	72.57	ng		93
28) bis(2-Chloroethoxy)methane	7.96	93	799283	83.39	ng		99
29) 2,4-Dichlorophenol	8.06	162	540241	77.75	ng		97
30) 1,2,4-Trichlorobenzene	8.14	180	560122	73.24	ng		98
31) Naphthalene	8.24	128	1869424	74.11	ng		99
32) Benzoic acid	8.01	122	474706	98.90	ng		99
33) 4-Chloroaniline	8.27	127	761402	70.73	ng	#	94
34) Hexachlorobutadiene	8.35	225	293021	68.56	ng		99
35) Caprolactam	8.67	113	185089	81.57	ng		99
36) 4-Chloro-3-methylphenol	8.76	107	678100	85.92	ng		98
37) 2-Methylnaphthalene	8.92	142	1176785	73.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	531410	68.58	ng		97
40) Hexachlorocyclopentadiene	9.08	237	314066	82.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	405797	75.39	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	336767	63.14	ng	#	86
45) 1,1'-Biphenyl	9.39	154	1549144	70.57	ng		97
46) 2-Chloronaphthalene	9.41	162	1154690	69.98	ng		95
47) 2-Nitroaniline	9.49	65	332231	75.70	ng		88
48) Acenaphthylene	9.82	152	1745654	63.28	ng		97
49) Dimethylphthalate	9.69	163	1238986	64.11	ng		100
50) 2,6-Dinitrotoluene	9.74	165	311481	81.74	ng		92
51) Acenaphthene	10.00	154	1037202	62.80	ng		94
52) 3-Nitroaniline	9.92	138	378901	84.25	ng		94
54) Dibenzofuran	10.17	168	1433181	65.85	ng		98
55) 4-Nitrophenol	10.06	139	282567	75.53	ng		90
56) 2,4-Dinitrotoluene	10.14	165	386828	79.25	ng		93
57) Fluorene	10.51	166	1118194	65.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	276516	71.75	ng		98
59) Diethylphthalate	10.38	149	1287132	69.30	ng		97
60) 4-Chlorophenyl-phenylether	10.50	204	475000	57.31	ng	#	88
61) 4-Nitroaniline	10.52	138	307958	76.34	ng		99
62) Azobenzene	10.66	77	1219574	68.36	ng		93
64) 4,6-Dinitro-2-methylphenol	10.56	198	229256	143.46	ng		93
65) n-Nitrosodiphenylamine	10.61	169	1055263	72.05	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	370564	79.47	ng	#	76
67) Hexachlorobenzene	11.06	284	390586	77.08	ng	#	79
68) Atrazine	11.14	200	226607	53.47	ng		96
69) Pentachlorophenol	11.24	266	220764	77.22	ng		98
70) Phenanthrene	11.47	178	1642583	70.53	ng		99
71) Anthracene	11.52	178	1480903	60.05	ng		97
72) Carbazole	11.66	167	1374585	60.06	ng		97
73) Di-n-butylphthalate	12.01	149	1983599	80.53	ng	#	99
74) Fluoranthene	12.65	202	1521626	60.65	ng		94
76) Benzidine	12.76	184	595455	60.62	ng		96
77) Pyrene	12.88	202	1562645	75.66	ng		99
79) Butylbenzylphthalate	13.49	149	716720	102.82	ng		90
80) Benzo(a)anthracene	14.05	228	1077196	70.91	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	430886	86.82	ng	#	97
82) Chrysene	14.10	228	1164311	80.00	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	713612	94.62	ng		100
84) Di-n-octyl phthalate	14.66	149	1305138	112.22	ng		100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1372863	99.70	ng		98
87) Benzo(b)fluoranthene	15.09	252	1217621m	77.98	ng		
88) Benzo(k)fluoranthene	15.12	252	915447m	61.26	ng		
89) Benzo(a)pyrene	15.45	252	1065539	75.71	ng	#	97
90) Dibenzo(a,h)anthracene	16.96	278	1122224	81.14	ng		97
91) Benzo(g,h,i)perylene	17.38	276	1161472	79.68	ng		98

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

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