Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083730.D
Acq On : 13 Dec 2015 15:41
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:34 PM

Quant Time: Dec 14 01:21:01 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	133249	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	494275	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	244616	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	439310	20.00	ng		0.00
75) Chrysene-d12	14.07	240	293517	20.00	ng		0.00
86) Perylene-d12	15.49	264	236986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	787175	92.00	ng		0.00
7) Phenol-d6	6.54	99	1004625	93.51	ng		0.00
23) Nitrobenzene-d5	7.48	82	867666	116.01	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	242440	104.09	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1625504	97.06	ng		0.01
78) Terphenyl-d14	13.01	244	1304574	99.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	194564	46.03	ng		98
3) Pyridine	3.29	79	494037	45.19	ng		96
4) n-Nitrosodimethylamine	3.24	42	191989	43.67	ng		98
6) Aniline	6.58	93	678570	46.29	ng		98
8) 2-Chlorophenol	6.70	128	458889	47.67	ng		93
9) Benzaldehyde	6.46	77	252794	42.80	ng		98
10) Phenol	6.56	94	539788	42.79	ng		92
11) bis(2-Chloroethyl)ether	6.66	93	462023	51.80	ng		88
12) 1,3-Dichlorobenzene	6.86	146	520967	49.37	ng		98
13) 1,4-Dichlorobenzene	6.93	146	492889	47.06	ng		99
14) 1,2-Dichlorobenzene	7.09	146	455887	46.46	ng		98
15) Benzyl Alcohol	7.06	79	365059	47.24	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	555786	44.62	ng		100
17) 2-Methylphenol	7.17	107	384468	49.74	ng		97
18) Hexachloroethane	7.44	117	178676	49.77	ng		98
19) n-Nitroso-di-n-propylamine	7.34	70	311075	50.42	ng	#	89
20) 3+4-Methylphenols	7.32	107	428275	45.95	ng		98
22) Acetophenone	7.33	105	611449	50.78	ng	#	90
24) Nitrobenzene	7.50	77	522230	63.44	ng	#	89
25) Isophorone	7.74	82	854116	51.40	ng		97
26) 2-Nitrophenol	7.81	139	232337	66.38	ng		98
27) 2,4-Dimethylphenol	7.86	122	458126	55.43	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	460747	49.48	ng		99
29) 2,4-Dichlorophenol	8.06	162	366267	54.26	ng		88
30) 1,2,4-Trichlorobenzene	8.14	180	363173	48.88	ng		99
31) Naphthalene	8.22	128	1203686	49.12	ng		99
32) Benzoic acid	7.97	122	308218	66.10	ng		99
33) 4-Chloroaniline	8.27	127	533614	51.03	ng		98
34) Hexachlorobutadiene	8.35	225	204740	49.31	ng		100
35) Caprolactam	8.65	113	120377	54.61	ng		100
36) 4-Chloro-3-methylphenol	8.75	107	414458	54.06	ng		93
37) 2-Methylnaphthalene	8.92	142	826430	52.89	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	325149	43.51	ng		98
40) Hexachlorocyclopentadiene	9.08	237	199214	54.54	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	255993	49.32	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	264778	51.48	ng	#	95
45) 1,1'-Biphenyl	9.38	154	942401	44.52	ng		99
46) 2-Chloronaphthalene	9.40	162	738130	46.39	ng		99
47) 2-Nitroaniline	9.49	65	245520	58.02	ng		93
48) Acenaphthylene	9.82	152	1310154	49.25	ng		99
49) Dimethylphthalate	9.69	163	957062	51.35	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	200613	54.60	ng		94
51) Acenaphthene	10.00	154	811692	50.97	ng		96
52) 3-Nitroaniline	9.90	138	242938	56.02	ng		90
53) 2,4-Dinitrophenol	10.01	184	94851	94.88	ng	#	86
54) Dibenzofuran	10.17	168	1026749	48.92	ng		90
55) 4-Nitrophenol	10.05	139	166105	46.04	ng		84
56) 2,4-Dinitrotoluene	10.13	165	267793	56.90	ng		97
57) Fluorene	10.50	166	748736	45.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	192173	51.71	ng		96
59) Diethylphthalate	10.38	149	943878	52.70	ng		95
60) 4-Chlorophenyl-phenylether	10.50	204	383240	47.96	ng		96
61) 4-Nitroaniline	10.51	138	199597	51.31	ng		99
62) Azobenzene	10.66	77	915119	53.20	ng		86
64) 4,6-Dinitro-2-methylphenol	10.54	198	127011	78.12	ng	#	67
65) n-Nitrosodiphenylamine	10.61	169	705763	47.37	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	253125	53.36	ng	#	63
67) Hexachlorobenzene	11.06	284	270897	52.54	ng	#	94
68) Atrazine	11.14	200	217159	50.37	ng		97
69) Pentachlorophenol	11.24	266	163850	56.33	ng		99
70) Phenanthrene	11.46	178	1052950	44.44	ng		99
71) Anthracene	11.52	178	1237799	49.33	ng		99
72) Carbazole	11.66	167	1143949	49.13	ng		99
73) Di-n-butylphthalate	12.00	149	1286768	51.35	ng		100
74) Fluoranthene	12.65	202	1211271	47.45	ng		98
76) Benzidine	12.76	184	484838	43.62	ng		99
77) Pyrene	12.88	202	1185542	50.73	ng		99
79) Butylbenzylphthalate	13.49	149	531072	67.33	ng		97
80) Benzo(a)anthracene	14.05	228	837523	48.72	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	326484	58.13	ng		99
82) Chrysene	14.09	228	708653	43.03	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	561689	65.82	ng		100
84) Di-n-octyl phthalate	14.66	149	916653	69.65	ng		100
85) Indeno(1,2,3-cd)pyrene	16.93	276	861830	55.31	ng		99
87) Benzo(b)fluoranthene	15.08	252	684650m	45.80	ng		
88) Benzo(k)fluoranthene	15.12	252	736617m	51.48	ng		
89) Benzo(a)pyrene	15.44	252	680234	50.48	ng		100
90) Dibenzo(a,h)anthracene	16.95	278	716337	54.09	ng		98
91) Benzo(g,h,i)perylene	17.36	276	729197	52.25	ng		95

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

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