Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021915\
Data File : BF077372.D
Acq On : 19 Feb 2015 13:48
Operator : TP/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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2/20/2015 2:04:10 PM

Quant Time: Feb 19 15:12:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 14:49:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	71929	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	299693	20.00	ng		0.00
38) Acenaphthene-d10	11.09	164	166845	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	295343	20.00	ng		0.00
75) Chrysene-d12	16.23	240	314897	20.00	ng		0.00
86) Perylene-d12	17.96	264	311812	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	425038	100.71	ng		0.00
7) Phenol-d6	6.89	99	551540	100.49	ng		0.01
23) Nitrobenzene-d5	8.03	82	480134	108.92	ng		0.00
41) 2,4,6-Tribromophenol	12.07	330	157513	108.11	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	1007506	92.11	ng		0.00
78) Terphenyl-d14	14.93	244	1282267	93.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	86634	47.59	ng		96
3) Pyridine	3.02	79	277444	56.54	ng		99
4) n-Nitrosodimethylamine	2.96	42	112217	48.08	ng		97
6) Aniline	6.92	93	385164	49.65	ng		100
8) 2-Chlorophenol	7.06	128	251826	50.95	ng		99
9) Benzaldehyde	6.78	77	158266	46.82	ng		99
10) Phenol	6.90	94	341107	52.89	ng		98
11) bis(2-Chloroethyl)ether	7.02	93	230113	48.33	ng		99
12) 1,3-Dichlorobenzene	7.26	146	272689	49.08	ng	#	87
13) 1,4-Dichlorobenzene	7.36	146	278721	48.66	ng		98
14) 1,2-Dichlorobenzene	7.54	146	270635	49.04	ng		100
15) Benzyl Alcohol	7.52	79	207061	49.79	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	7.70	45	337899	47.36	ng		99
17) 2-Methylphenol	7.65	107	205124	51.76	ng		100
18) Hexachloroethane	7.96	117	97388	52.17	ng		95
19) n-Nitroso-di-n-propylamine	7.85	70	172122	45.71	ng		98
20) 3+4-Methylphenols	7.85	107	262708	51.17	ng		99
22) Acetophenone	7.84	105	336110	48.11	ng		100
24) Nitrobenzene	8.05	77	249553	52.99	ng		99
25) Isophorone	8.35	82	473452	48.50	ng		99
26) 2-Nitrophenol	8.44	139	111708	81.48	ng		96
27) 2,4-Dimethylphenol	8.50	122	236486	52.89	ng		99
28) bis(2-Chloroethoxy)methane	8.62	93	294826	47.49	ng		99
29) 2,4-Dichlorophenol	8.74	162	218521	56.21	ng		99
30) 1,2,4-Trichlorobenzene	8.84	180	234522	48.46	ng		99
31) Naphthalene	8.93	128	710130	47.33	ng		100
32) Benzoic acid	8.60	122	112857m	85.33	ng		
33) 4-Chloroaniline	9.01	127	321142	49.51	ng		99
34) Hexachlorobutadiene	9.09	225	133960	50.39	ng		99
35) Caprolactam	9.44	113	65301	54.42	ng		98
36) 4-Chloro-3-methylphenol	9.61	107	217320	51.06	ng		99
37) 2-Methylnaphthalene	9.80	142	527532	48.68	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	238476	49.42	ng		99
40) Hexachlorocyclopentadiene	10.00	237	133487	55.22	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	156597	57.05	ng		100
43) 2,4,5-Trichlorophenol	10.19	196	174794	59.20	ng		99
45) 1,1'-Biphenyl	10.38	154	626943	47.34	ng		100
46) 2-Chloronaphthalene	10.40	162	488229	49.44	ng		99
47) 2-Nitroaniline	10.52	65	122712	62.45	ng		99
48) Acenaphthylene	10.91	152	755049	46.72	ng		99
49) Dimethylphthalate	10.76	163	545493	47.41	ng		100
50) 2,6-Dinitrotoluene	10.84	165	123567	62.85	ng		94
51) Acenaphthene	11.13	154	454340	47.17	ng		99
52) 3-Nitroaniline	11.04	138	135427	58.09	ng		98
53) 2,4-Dinitrophenol	11.17	184	37101	103.19	ng		98
54) Dibenzofuran	11.35	168	701928	47.91	ng		99
55) 4-Nitrophenol	11.24	139	110152	67.74	ng		99
56) 2,4-Dinitrotoluene	11.33	165	167375	70.64	ng		100
57) Fluorene	11.77	166	548398	47.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.49	232	142331	64.11	ng		100
59) Diethylphthalate	11.64	149	541742	45.68	ng		99
60) 4-Chlorophenyl-phenylether	11.78	204	273705	49.03	ng		100
61) 4-Nitroaniline	11.79	138	127199	56.70	ng		98
62) Azobenzene	11.97	77	530470	45.30	ng		98
64) 4,6-Dinitro-2-methylphenol	11.84	198	58020	98.65	ng		99
65) n-Nitrosodiphenylamine	11.93	169	492256	51.21	ng		97
66) 4-Bromophenyl-phenylether	12.39	248	167923	51.09	ng		99
67) Hexachlorobenzene	12.44	284	181573	49.13	ng		99
68) Atrazine	12.59	200	154956	53.42	ng		100
69) Pentachlorophenol	12.69	266	103022	71.68	ng		100
70) Phenanthrene	12.97	178	830624	48.80	ng		100
71) Anthracene	13.03	178	819466	48.41	ng		100
72) Carbazole	13.23	167	808193	53.56	ng		99
73) Di-n-butylphthalate	13.68	149	929538	50.36	ng		100
74) Fluoranthene	14.44	202	910666	52.14	ng		99
76) Benzidine	14.61	184	488864	50.91	ng		99
77) Pyrene	14.73	202	964169	50.15	ng		99
79) Butylbenzylphthalate	15.55	149	404597	57.06	ng		96
80) Benzo(a)anthracene	16.21	228	891956	48.88	ng		99
81) 3,3'-Dichlorobenzidine	16.19	252	341834	56.02	ng	#	97
82) Chrysene	16.26	228	839450	48.73	ng		100
83) Bis(2-ethylhexyl)phthalate	16.27	149	615995	51.00	ng	#	97
84) Di-n-octyl phthalate	17.06	149	1054858	55.86	ng		100
85) Indeno(1,2,3-cd)pyrene	19.46	276	1004284m	51.34	ng		
87) Benzo(b)fluoranthene	17.52	252	877183	43.94	ng	#	97
88) Benzo(k)fluoranthene	17.55	252	903803m	55.48	ng		
89) Benzo(a)pyrene	17.91	252	865901	49.82	ng	#	97
90) Dibenzo(a,h)anthracene	19.49	278	817632	47.12	ng		99
91) Benzo(g,h,i)perylene	19.92	276	827350	47.65	ng	#	94

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

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