Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077699.D
Acq On : 11 Mar 2015 20:58
Operator : TP/IZ
Sample : PB81894BSD
Misc : S
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81894BSD

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:33 AM

Quant Time: Mar 12 04:54:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51678	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	215320	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	114072	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	214538	20.00	ng		0.00
75) Chrysene-d12	16.03	240	253515	20.00	ng		0.00
86) Perylene-d12	17.73	264	235497	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	245770	83.01	ng		0.00
7) Phenol-d6	6.74	99	315995	86.39	ng		0.00
23) Nitrobenzene-d5	7.86	82	221273	67.36	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	86593	79.34	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	520015	66.99	ng		0.00
78) Terphenyl-d14	14.75	244	702375	67.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	47803	35.56	ng	#	100
3) Pyridine	2.76	79	145210	40.21	ng		99
4) n-Nitrosodimethylamine	2.69	42	63976	40.68	ng		95
6) Aniline	6.75	93	105077	20.08	ng	#	1
8) 2-Chlorophenol	6.90	128	149433	42.40	ng		98
9) Benzaldehyde	6.61	77	17227	11.50	ng		100
10) Phenol	6.75	94	182776	42.27	ng		87
11) bis(2-Chloroethyl)ether	6.86	93	135822	41.94	ng		97
12) 1,3-Dichlorobenzene	7.09	146	156809	40.01	ng		99
13) 1,4-Dichlorobenzene	7.20	146	153710	37.74	ng		99
14) 1,2-Dichlorobenzene	7.38	146	142882	38.27	ng		99
15) Benzyl Alcohol	7.36	79	118076	41.35	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	171969	39.40	ng		98
17) 2-Methylphenol	7.50	107	123773	43.14	ng		98
18) Hexachloroethane	7.79	117	54377	40.71	ng		96
19) n-Nitroso-di-n-propylamine	7.69	70	96707	38.22	ng		99
20) 3+4-Methylphenols	7.70	107	159320	42.32	ng		96
22) Acetophenone	7.68	105	192913	40.47	ng	#	99
24) Nitrobenzene	7.88	77	138031	39.01	ng		99
25) Isophorone	8.19	82	262016	39.50	ng		96
26) 2-Nitrophenol	8.28	139	73392	42.36	ng		96
27) 2,4-Dimethylphenol	8.35	122	134462	42.60	ng		100
28) bis(2-Chloroethoxy)methane	8.46	93	167104	41.50	ng		99
29) 2,4-Dichlorophenol	8.58	162	131394	43.67	ng		97
30) 1,2,4-Trichlorobenzene	8.68	180	133366	39.62	ng		98
31) Naphthalene	8.77	128	434194	39.26	ng		99
32) Benzoic acid	8.46	122	74845	42.87	ng		92
33) 4-Chloroaniline	8.85	127	81564	18.17	ng		97
34) Hexachlorobutadiene	8.93	225	72816	38.17	ng		98
35) Caprolactam	9.26	113	38045	43.27	ng		95
36) 4-Chloro-3-methylphenol	9.46	107	134037	44.28	ng		96
37) 2-Methylnaphthalene	9.63	142	308533	41.53	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	135020	39.68	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	133676	78.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	93521	39.68	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	100822	39.60	ng		99
45) 1,1'-Biphenyl	10.21	154	384104	42.12	ng		98
46) 2-Chloronaphthalene	10.22	162	277074	37.39	ng	#	91
47) 2-Nitroaniline	10.36	65	77433	42.07	ng		100
48) Acenaphthylene	10.74	152	459373	37.28	ng		100
49) Dimethylphthalate	10.60	163	343994	40.66	ng		100
50) 2,6-Dinitrotoluene	10.67	165	74233	42.33	ng		95
51) Acenaphthene	10.96	154	264585	37.45	ng		99
52) 3-Nitroaniline	10.86	138	47356	23.25	ng	#	73
53) 2,4-Dinitrophenol	11.01	184	57063	87.71	ng	#	62
54) Dibenzofuran	11.17	168	425563	40.61	ng		99
55) 4-Nitrophenol	11.09	139	132635	87.91	ng		88
56) 2,4-Dinitrotoluene	11.16	165	99300	43.42	ng		95
57) Fluorene	11.60	166	343716	39.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	81134	41.38	ng	#	100
59) Diethylphthalate	11.48	149	343413	41.66	ng		100
60) 4-Chlorophenyl-phenylether	11.61	204	158803	39.99	ng		98
61) 4-Nitroaniline	11.63	138	77364	38.11	ng		99
62) Azobenzene	11.80	77	316376	40.16	ng		98
64) 4,6-Dinitro-2-methylphenol	11.66	198	41493	41.59	ng		96
65) n-Nitrosodiphenylamine	11.76	169	300853	42.11	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	97340	42.52	ng		98
67) Hexachlorobenzene	12.27	284	106328	42.27	ng		95
68) Atrazine	12.43	200	98645	49.27	ng		99
69) Pentachlorophenol	12.52	266	114935	86.95	ng		97
70) Phenanthrene	12.79	178	508718	41.31	ng		100
71) Anthracene	12.84	178	490978	40.35	ng		100
72) Carbazole	13.05	167	461936	39.91	ng		100
73) Di-n-butylphthalate	13.51	149	546409	42.10	ng		100
74) Fluoranthene	14.26	202	562439	41.40	ng		99
76) Benzidine	14.43	184	176812	28.05	ng		99
77) Pyrene	14.53	202	614203	38.53	ng		99
79) Butylbenzylphthalate	15.37	149	261282	41.57	ng		100
80) Benzo(a)anthracene	16.02	228	585894	38.99	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	117784	23.76	ng		98
82) Chrysene	16.07	228	555926	41.14	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	398911	41.90	ng		100
84) Di-n-octyl phthalate	16.87	149	664353	40.81	ng		99
85) Indeno(1,2,3-cd)pyrene	19.12	276	563532	33.41	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	584614	38.03	ng	#	95
88) Benzo(k)fluoranthene	17.32	252	549552m	45.76	ng		
89) Benzo(a)pyrene	17.67	252	547437	42.68	ng	#	96
90) Dibenzo(a,h)anthracene	19.14	278	471857	37.09	ng		97
91) Benzo(g,h,i)perylene	19.53	276	473292	36.54	ng		98

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

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