Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078799.D
Acq On : 29 Apr 2015 3:07
Operator : TP/IZ
Sample : PB82973BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Manual Integrations APPROVED
apatel
4/29/2015 3:53:38 PM

Quant Time: Apr 29 13:05:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 11:41:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	97122	20.00	ng		0.00
21) Naphthalene-d8	8.97	136	384314	20.00	ng		0.00
38) Acenaphthene-d10	11.15	164	182752	20.00	ng		0.01
63) Phenanthrene-d10	12.99	188	344809	20.00	ng		0.00
75) Chrysene-d12	16.30	240	338083	20.00	ng		-0.01
86) Perylene-d12	18.02	264	319744	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	697945	131.99	ng		0.01
7) Phenol-d6	6.94	99	899925	127.43	ng		0.00
23) Nitrobenzene-d5	8.08	82	456306	85.49	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	234374	129.04	ng		0.00
44) 2-Fluorobiphenyl	10.32	172	1092707	81.88	ng		0.00
78) Terphenyl-d14	14.99	244	1170575	82.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	90398	37.26	ng	#	19
3) Pyridine	3.18	79	259243	36.18	ng		100
4) n-Nitrosodimethylamine	3.08	42	134914m	41.91	ng		
6) Aniline	6.98	93	208052	20.17	ng		99
8) 2-Chlorophenol	7.12	128	264934	43.59	ng		98
9) Benzaldehyde	6.84	77	17724	3.48	ng		94
10) Phenol	6.95	94	321080	38.46	ng		90
11) bis(2-Chloroethyl)ether	7.07	93	254007	41.14	ng		98
12) 1,3-Dichlorobenzene	7.31	146	275493	39.04	ng		98
13) 1,4-Dichlorobenzene	7.42	146	285339	39.49	ng		100
14) 1,2-Dichlorobenzene	7.60	146	279189	41.35	ng		100
15) Benzyl Alcohol	7.56	79	223439	42.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.75	45	415263	43.03	ng		99
17) 2-Methylphenol	7.70	107	216792	44.06	ng		97
18) Hexachloroethane	8.02	117	97104	40.69	ng		96
19) n-Nitroso-di-n-propylamine	7.91	70	197065	39.99	ng	#	84
20) 3+4-Methylphenols	7.90	107	283527	44.23	ng		96
22) Acetophenone	7.90	105	387285	45.49	ng		97
24) Nitrobenzene	8.10	77	256705	44.91	ng		99
25) Isophorone	8.40	82	502971	41.68	ng		99
26) 2-Nitrophenol	8.50	139	77300	47.03	ng		98
27) 2,4-Dimethylphenol	8.55	122	236824	44.24	ng		98
28) bis(2-Chloroethoxy)methane	8.68	93	324072	43.49	ng		100
29) 2,4-Dichlorophenol	8.79	162	216283	47.27	ng		97
30) 1,2,4-Trichlorobenzene	8.90	180	224528	42.73	ng		97
31) Naphthalene	8.99	128	758232	41.57	ng		100
32) Benzoic acid	8.65	122	89915	55.35	ng		91
33) 4-Chloroaniline	9.06	127	154797	20.16	ng		100
34) Hexachlorobutadiene	9.15	225	121637	41.03	ng		95
35) Caprolactam	9.48	113	65061	44.66	ng		91
36) 4-Chloro-3-methylphenol	9.66	107	221481	46.10	ng		93
37) 2-Methylnaphthalene	9.85	142	521841	42.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	206190	39.82	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	211088	96.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	135629	42.99	ng		98
43) 2,4,5-Trichlorophenol	10.24	196	147028	43.78	ng	#	88
45) 1,1'-Biphenyl	10.43	154	615152	41.94	ng		99
46) 2-Chloronaphthalene	10.46	162	473794	41.34	ng		100
47) 2-Nitroaniline	10.58	65	121354	48.48	ng		94
48) Acenaphthylene	10.97	152	768658	40.98	ng		100
49) Dimethylphthalate	10.82	163	553476	42.60	ng		99
50) 2,6-Dinitrotoluene	10.89	165	97533	46.08	ng		92
51) Acenaphthene	11.19	154	476581	43.27	ng		99
52) 3-Nitroaniline	11.10	138	76147	27.73	ng		91
53) 2,4-Dinitrophenol	11.22	184	36750	109.71	ng	#	75
54) Dibenzofuran	11.40	168	697182	43.14	ng		98
55) 4-Nitrophenol	11.29	139	178821	81.06	ng	#	71
56) 2,4-Dinitrotoluene	11.39	165	129504	50.15	ng	#	66
57) Fluorene	11.83	166	538633	41.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	117429	46.70	ng	#	100
59) Diethylphthalate	11.70	149	565800	43.76	ng		98
60) 4-Chlorophenyl-phenylether	11.84	204	254975	44.36	ng		99
61) 4-Nitroaniline	11.85	138	121520	43.56	ng		96
62) Azobenzene	12.03	77	612369	46.45	ng		98
64) 4,6-Dinitro-2-methylphenol	11.88	198	31439	53.30	ng		82
65) n-Nitrosodiphenylamine	11.99	169	483488	43.37	ng		99
66) 4-Bromophenyl-phenylether	12.45	248	152623	43.85	ng		94
67) Hexachlorobenzene	12.50	284	169151	42.90	ng		96
68) Atrazine	12.65	200	141502	47.39	ng		98
69) Pentachlorophenol	12.75	266	180922	85.58	ng		96
70) Phenanthrene	13.03	178	810183	43.40	ng		100
71) Anthracene	13.09	178	808943	44.32	ng		100
72) Carbazole	13.29	167	799602	46.39	ng		99
73) Di-n-butylphthalate	13.74	149	870491	43.60	ng		100
74) Fluoranthene	14.50	202	834826	44.84	ng		98
76) Benzidine	14.69	184	282312	25.80	ng		99
77) Pyrene	14.79	202	886566	44.88	ng		99
79) Butylbenzylphthalate	15.61	149	363952	48.05	ng		97
80) Benzo(a)anthracene	16.29	228	806463	44.46	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	157539	25.52	ng	#	97
82) Chrysene	16.32	228	771655	43.64	ng		100
83) Bis(2-ethylhexyl)phthalate	16.33	149	565961	46.55	ng		99
84) Di-n-octyl phthalate	17.12	149	912228	46.48	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.54	276	880625	43.90	ng	#	100
87) Benzo(b)fluoranthene	17.57	252	881411	50.93	ng		99
88) Benzo(k)fluoranthene	17.60	252	660763m	39.40	ng		
89) Benzo(a)pyrene	17.95	252	750664	48.47	ng	#	97
90) Dibenzo(a,h)anthracene	19.58	278	713616	44.49	ng		99
91) Benzo(g,h,i)perylene	20.00	276	735532	45.69	ng		99

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

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