Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078194.D
Acq On : 2 Apr 2015 12:15
Operator : TP/IZ
Sample : PB82450BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82450BS

Manual Integrations APPROVED
apatel
4/2/2015 5:51:46 PM

Quant Time: Apr 02 14:05:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	39968	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	161023	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	78616	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	153011	20.00	ng		0.00
75) Chrysene-d12	15.88	240	160932	20.00	ng		0.01
86) Perylene-d12	17.68	264	150222	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	295342	121.84	ng		0.00
7) Phenol-d6	6.60	99	372612	122.65	ng		0.00
23) Nitrobenzene-d5	7.72	82	213743	80.46	ng		0.01
41) 2,4,6-Tribromophenol	11.74	330	93243	143.01	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	466322	84.79	ng		0.00
78) Terphenyl-d14	14.59	244	547741	76.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	34529	31.50	ng		95
3) Pyridine	2.51	79	110352	38.43	ng		96
4) n-Nitrosodimethylamine	2.45	42	41165m	37.24	ng		
6) Aniline	6.61	93	74130	17.21	ng	#	56
8) 2-Chlorophenol	6.75	128	119974	41.86	ng		99
10) Phenol	6.62	94	147895	40.63	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	110384	42.17	ng		98
12) 1,3-Dichlorobenzene	6.93	146	121862	38.70	ng		99
13) 1,4-Dichlorobenzene	7.04	146	128222	40.46	ng		98
14) 1,2-Dichlorobenzene	7.22	146	118383	39.84	ng		99
15) Benzyl Alcohol	7.22	79	91937	43.07	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.39	45	147614	42.27	ng		100
17) 2-Methylphenol	7.37	107	95365	42.85	ng		99
18) Hexachloroethane	7.64	117	42044	39.34	ng		95
19) n-Nitroso-di-n-propylamine	7.55	70	80557	40.19	ng		99
20) 3+4-Methylphenols	7.56	107	126844	42.73	ng		99
22) Acetophenone	7.54	105	161682	43.09	ng		98
24) Nitrobenzene	7.74	77	113479	40.86	ng		99
25) Isophorone	8.04	82	213773	42.40	ng		98
26) 2-Nitrophenol	8.13	139	58862	44.48	ng		97
27) 2,4-Dimethylphenol	8.21	122	111237	45.20	ng		98
28) bis(2-Chloroethoxy)methane	8.33	93	143069	44.25	ng		98
29) 2,4-Dichlorophenol	8.44	162	97833	43.70	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	102494	39.93	ng		98
31) Naphthalene	8.62	128	341364	40.73	ng		100
32) Benzoic acid	8.34	122	46381	41.03	ng		95
33) 4-Chloroaniline	8.70	127	59172	17.01	ng		99
34) Hexachlorobutadiene	8.77	225	56765	40.27	ng		95
35) Caprolactam	9.14	113	29457	44.08	ng	#	83
36) 4-Chloro-3-methylphenol	9.32	107	101108	44.76	ng		97
37) 2-Methylnaphthalene	9.48	142	241623	42.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	103866	42.64	ng		99
40) Hexachlorocyclopentadiene	9.68	237	93920	88.75	ng		98
42) 2,4,6-Trichlorophenol	9.84	196	67988	44.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	73626	45.87	ng	#	85
45) 1,1'-Biphenyl	10.06	154	286160	44.50	ng		100
46) 2-Chloronaphthalene	10.08	162	216970	42.88	ng		98
47) 2-Nitroaniline	10.21	65	58682	46.88	ng		97
48) Acenaphthylene	10.59	152	355199	43.48	ng		100
49) Dimethylphthalate	10.45	163	256683	43.46	ng		100
50) 2,6-Dinitrotoluene	10.53	165	57373	47.21	ng		94
51) Acenaphthene	10.80	154	200388	43.56	ng		99
52) 3-Nitroaniline	10.73	138	37657	27.25	ng		99
53) 2,4-Dinitrophenol	10.86	184	36040	77.48	ng		97
54) Dibenzofuran	11.01	168	321403	45.75	ng		100
55) 4-Nitrophenol	10.97	139	89655	87.84	ng		90
56) 2,4-Dinitrotoluene	11.02	165	79727	50.66	ng		99
57) Fluorene	11.44	166	252197	44.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	57718	48.51	ng		100
59) Diethylphthalate	11.33	149	260545	45.75	ng		99
60) 4-Chlorophenyl-phenylether	11.46	204	121672	46.44	ng		97
61) 4-Nitroaniline	11.48	138	57744	41.34	ng		96
62) Azobenzene	11.64	77	238821	45.95	ng		99
64) 4,6-Dinitro-2-methylphenol	11.52	198	27910	38.75	ng		96
65) n-Nitrosodiphenylamine	11.61	169	224888	42.49	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	70853	43.72	ng		99
67) Hexachlorobenzene	12.11	284	76819	43.26	ng		99
68) Atrazine	12.28	200	68823	44.89	ng		98
69) Pentachlorophenol	12.36	266	66066	83.52	ng		98
70) Phenanthrene	12.63	178	382460	43.21	ng		100
71) Anthracene	12.68	178	377475	43.28	ng		100
72) Carbazole	12.90	167	365939	44.77	ng		98
73) Di-n-butylphthalate	13.36	149	414827	44.80	ng		99
74) Fluoranthene	14.09	202	409901	43.91	ng		99
76) Benzidine	14.28	184	159639	25.76	ng		99
77) Pyrene	14.37	202	428360	42.40	ng		99
79) Butylbenzylphthalate	15.22	149	188378	48.92	ng	#	77
80) Benzo(a)anthracene	15.87	228	397879	41.55	ng		99
81) 3,3'-Dichlorobenzidine	15.86	252	59539	18.57	ng	#	98
82) Chrysene	15.92	228	374647	41.64	ng		100
83) Bis(2-ethylhexyl)phthalate	15.95	149	273367	45.27	ng	#	96
84) Di-n-octyl phthalate	16.79	149	469468	47.34	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.03	276	433436	42.46	ng	#	85
87) Benzo(b)fluoranthene	17.22	252	383970	41.36	ng		98
88) Benzo(k)fluoranthene	17.25	252	390603m	47.34	ng		
89) Benzo(a)pyrene	17.62	252	380018	46.90	ng		99
90) Dibenzo(a,h)anthracene	19.06	278	341770	42.13	ng		98
91) Benzo(g,h,i)perylene	19.41	276	355240	43.68	ng		96

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

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