Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078170.D
Acq On : 1 Apr 2015 23:52
Operator : TP/IZ
Sample : PB82441BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Manual Integrations APPROVED
apatel
4/2/2015 5:51:11 PM

Quant Time: Apr 02 13:54:12 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	41175	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	168069	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	86373	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	160013	20.00	ng		0.00
75) Chrysene-d12	15.87	240	167896	20.00	ng		0.00
86) Perylene-d12	17.60	264	162277	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	286549	114.74	ng		0.00
7) Phenol-d6	6.60	99	356470	113.90	ng		0.00
23) Nitrobenzene-d5	7.72	82	204834	73.87	ng		0.01
41) 2,4,6-Tribromophenol	11.74	330	92405	129.00	ng		0.00
44) 2-Fluorobiphenyl	9.95	172	444596	73.58	ng		0.01
78) Terphenyl-d14	14.59	244	530887	71.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	35129	31.11	ng		96
3) Pyridine	2.51	79	98720	33.37	ng		99
4) n-Nitrosodimethylamine	2.45	42	40929m	35.95	ng		
6) Aniline	6.60	93	87020	19.61	ng	#	85
8) 2-Chlorophenol	6.75	128	115389	39.08	ng		99
10) Phenol	6.62	94	144353	38.49	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	106106	39.35	ng		99
12) 1,3-Dichlorobenzene	6.93	146	118395	36.50	ng		99
13) 1,4-Dichlorobenzene	7.04	146	121904	37.34	ng		98
14) 1,2-Dichlorobenzene	7.22	146	117617	38.42	ng		99
15) Benzyl Alcohol	7.21	79	86949	39.53	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	143042	39.76	ng		99
17) 2-Methylphenol	7.37	107	91544	39.93	ng		97
18) Hexachloroethane	7.64	117	42324	38.44	ng		96
19) n-Nitroso-di-n-propylamine	7.55	70	78407	37.97	ng		97
20) 3+4-Methylphenols	7.56	107	123100	40.25	ng		99
22) Acetophenone	7.54	105	154913	39.56	ng		99
24) Nitrobenzene	7.74	77	111194	38.36	ng		100
25) Isophorone	8.04	82	210295	39.96	ng		98
26) 2-Nitrophenol	8.13	139	56635	41.00	ng		96
27) 2,4-Dimethylphenol	8.21	122	103141	40.15	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	136369	40.41	ng		98
29) 2,4-Dichlorophenol	8.44	162	94599	40.48	ng		99
30) 1,2,4-Trichlorobenzene	8.53	180	98383	36.72	ng		97
31) Naphthalene	8.62	128	334625	38.25	ng		99
32) Benzoic acid	8.34	122	43381	37.37	ng		93
33) 4-Chloroaniline	8.70	127	73203	20.17	ng		98
34) Hexachlorobutadiene	8.78	225	55236	37.55	ng		99
35) Caprolactam	9.13	113	28221	40.46	ng		98
36) 4-Chloro-3-methylphenol	9.32	107	97947	41.54	ng		97
37) 2-Methylnaphthalene	9.48	142	236547	39.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	100943	37.72	ng		99
40) Hexachlorocyclopentadiene	9.68	237	97434	84.18	ng		95
42) 2,4,6-Trichlorophenol	9.84	196	67363	39.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	70060	39.73	ng	#	84
45) 1,1'-Biphenyl	10.06	154	274652	38.88	ng		99
46) 2-Chloronaphthalene	10.08	162	211459	38.04	ng		98
47) 2-Nitroaniline	10.21	65	55926	40.66	ng		98
48) Acenaphthylene	10.59	152	340794	37.97	ng		100
49) Dimethylphthalate	10.46	163	251330	38.73	ng	#	97
50) 2,6-Dinitrotoluene	10.53	165	55079	41.26	ng		91
51) Acenaphthene	10.80	154	198476	39.27	ng		99
52) 3-Nitroaniline	10.73	138	41824	27.55	ng		99
53) 2,4-Dinitrophenol	10.86	184	41281	79.67	ng		99
54) Dibenzofuran	11.01	168	310538	40.23	ng		99
55) 4-Nitrophenol	10.97	139	86721	77.67	ng		89
56) 2,4-Dinitrotoluene	11.02	165	76042	43.98	ng		93
57) Fluorene	11.44	166	254067	40.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.17	232	54101	41.39	ng		99
59) Diethylphthalate	11.33	149	245660	39.26	ng		99
60) 4-Chlorophenyl-phenylether	11.46	204	115603	40.16	ng		97
61) 4-Nitroaniline	11.48	138	56475	36.80	ng		97
62) Azobenzene	11.65	77	234825	41.12	ng		83
64) 4,6-Dinitro-2-methylphenol	11.53	198	29621	39.20	ng	#	49
65) n-Nitrosodiphenylamine	11.61	169	219603	39.68	ng		98
66) 4-Bromophenyl-phenylether	12.05	248	66587	39.29	ng		96
67) Hexachlorobenzene	12.11	284	73384	39.52	ng		100
68) Atrazine	12.28	200	66975	41.78	ng		97
69) Pentachlorophenol	12.36	266	66446	80.62	ng		99
70) Phenanthrene	12.63	178	370164	39.99	ng		100
71) Anthracene	12.68	178	362929	39.79	ng		99
72) Carbazole	12.90	167	353415	41.35	ng		99
73) Di-n-butylphthalate	13.36	149	399719	41.28	ng		99
74) Fluoranthene	14.09	202	396261	40.60	ng		98
76) Benzidine	14.28	184	191656	29.65	ng		99
77) Pyrene	14.37	202	425828	40.40	ng		99
79) Butylbenzylphthalate	15.21	149	175873	43.78	ng		99
80) Benzo(a)anthracene	15.86	228	390551	39.10	ng		98
81) 3,3'-Dichlorobenzidine	15.85	252	86200	25.76	ng		99
82) Chrysene	15.91	228	360785	38.44	ng		99
83) Bis(2-ethylhexyl)phthalate	15.94	149	256974	40.79	ng		99
84) Di-n-octyl phthalate	16.73	149	452645	43.75	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.91	276	414889	38.96	ng	#	86
87) Benzo(b)fluoranthene	17.15	252	363847	36.28	ng	#	98
88) Benzo(k)fluoranthene	17.19	252	385231m	43.22	ng		
89) Benzo(a)pyrene	17.53	252	358845	41.00	ng	#	95
90) Dibenzo(a,h)anthracene	18.93	278	336886	38.44	ng	#	96
91) Benzo(g,h,i)perylene	19.30	276	339900	38.69	ng		95

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

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