Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078205.D
Acq On : 2 Apr 2015 17:50
Operator : TP/IZ
Sample : PB82450BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82450BS

Manual Integrations APPROVED
apatel
4/6/2015 12:05:41 PM

Quant Time: Apr 03 02:12:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 00:57:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	312	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	564	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	276	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	643	20.00	ng		0.00
75) Chrysene-d12	15.86	240	803	20.00	ng		-0.02
86) Perylene-d12	17.55	264	1166	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	288987	15271.60	ng		0.01
7) Phenol-d6	6.60	99	349502	14737.55	ng		0.00
23) Nitrobenzene-d5	7.71	82	203709	21892.64	ng		-0.01
41) 2,4,6-Tribromophenol	11.75	330	86523	37798.79	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	444391	23015.28	ng		0.00
78) Terphenyl-d14	14.59	244	519928	14630.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	34064	3980.87	ng		96
3) Pyridine	2.51	79	105870	4723.19	ng		95
4) n-Nitrosodimethylamine	2.45	42	40324m	4673.64	ng		
6) Aniline	6.60	93	95025	2825.54	ng	#	87
8) 2-Chlorophenol	6.75	128	107754	4815.73	ng		100
9) Benzaldehyde	6.46	77	66569	4235.25	ng		99
10) Phenol	6.62	94	132701	4670.00	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	100609	4923.48	ng		99
12) 1,3-Dichlorobenzene	6.93	146	110229	4484.67	ng		99
13) 1,4-Dichlorobenzene	7.04	146	114797	4640.11	ng		98
14) 1,2-Dichlorobenzene	7.22	146	108600	4681.55	ng		98
15) Benzyl Alcohol	7.21	79	82316	4939.43	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	135677	4977.58	ng		100
17) 2-Methylphenol	7.37	107	88081	5070.12	ng		99
18) Hexachloroethane	7.63	117	39320	4712.92	ng	#	72
19) n-Nitroso-di-n-propylamine	7.55	70	72133	4610.03	ng		98
20) 3+4-Methylphenols	7.56	107	112602	4858.70	ng		97
22) Acetophenone	7.53	105	147995	11261.97	ng	#	88
24) Nitrobenzene	7.73	77	101577	10442.32	ng	#	77
25) Isophorone	8.04	82	189346	10721.72	ng		100
26) 2-Nitrophenol	8.13	139	52419	11308.32	ng		99
27) 2,4-Dimethylphenol	8.21	122	94856	11004.64	ng		99
28) bis(2-Chloroethoxy)methane	8.33	93	126954	11211.04	ng		99
29) 2,4-Dichlorophenol	8.44	162	87511	11159.54	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	93836	10436.52	ng		99
31) Naphthalene	8.62	128	307368	10470.57	ng		99
32) Benzoic acid	8.34	122	39919	8664.97	ng		93
33) 4-Chloroaniline	8.70	127	77377	6352.04	ng		97
34) Hexachlorobutadiene	8.77	225	50908	10311.94	ng		97
35) Caprolactam	9.13	113	27501	11748.68	ng		98
36) 4-Chloro-3-methylphenol	9.32	107	91893	11613.85	ng		99
37) 2-Methylnaphthalene	9.48	142	215309	10803.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	92262	10788.33	ng		98
40) Hexachlorocyclopentadiene	9.66	237	85107	21154.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	61955	11487.41	ng		99
43) 2,4,5-Trichlorophenol	9.88	196	64973	11531.22	ng		97
45) 1,1'-Biphenyl	10.06	154	258887	11467.46	ng		99
46) 2-Chloronaphthalene	10.08	162	197531	11120.62	ng		99
47) 2-Nitroaniline	10.21	65	52201	11878.00	ng		97
48) Acenaphthylene	10.59	152	315162	10987.64	ng		100
49) Dimethylphthalate	10.45	163	223651	10785.98	ng		100
50) 2,6-Dinitrotoluene	10.52	165	48926	11468.57	ng	#	40
51) Acenaphthene	10.80	154	179633	11123.44	ng		99
52) 3-Nitroaniline	10.73	138	40523	8353.78	ng		96
53) 2,4-Dinitrophenol	10.86	184	30183	1773.85	ng		93
54) Dibenzofuran	11.01	168	288704	11704.68	ng		99
55) 4-Nitrophenol	10.97	139	73908	19979.23	ng		94
56) 2,4-Dinitrotoluene	11.03	165	67029	12131.33	ng		98
57) Fluorene	11.44	166	229067	11456.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	52588m	12589.20	ng		
59) Diethylphthalate	11.33	149	230948	11551.32	ng		99
60) 4-Chlorophenyl-phenylether	11.45	204	103561	11259.53	ng	#	77
61) 4-Nitroaniline	11.48	138	54818	11179.05	ng		98
62) Azobenzene	11.64	77	212074	11622.52	ng		98
64) 4,6-Dinitro-2-methylphenol	11.52	198	24626	6347.29	ng		87
65) n-Nitrosodiphenylamine	11.61	169	199624	8975.20	ng		98
66) 4-Bromophenyl-phenylether	12.05	248	63207	9281.90	ng		95
67) Hexachlorobenzene	12.11	284	65687	8802.73	ng		95
68) Atrazine	12.28	200	66977	10396.85	ng		98
69) Pentachlorophenol	12.36	266	58082	15857.67	ng		97
70) Phenanthrene	12.63	178	342426	9206.43	ng		100
71) Anthracene	12.68	178	335028	9141.04	ng		99
72) Carbazole	12.90	167	327339	9529.97	ng		99
73) Di-n-butylphthalate	13.36	149	375685	9654.98	ng		99
74) Fluoranthene	14.09	202	364107	9282.54	ng		97
76) Benzidine	14.28	184	224908	7273.90	ng		98
77) Pyrene	14.36	202	376246	7463.88	ng		97
79) Butylbenzylphthalate	15.21	149	162836	8475.44	ng		92
80) Benzo(a)anthracene	15.85	228	349444	7314.12	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	69500	4343.38	ng	#	98
82) Chrysene	15.89	228	332995	7418.18	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	241164	8003.20	ng	#	97
84) Di-n-octyl phthalate	16.71	149	426207	8614.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.85	276	380667	7473.44	ng	#	86
87) Benzo(b)fluoranthene	17.12	252	369000	5120.52	ng	#	94
88) Benzo(k)fluoranthene	17.15	252	302071m	4716.92	ng		
89) Benzo(a)pyrene	17.49	252	323475	5143.40	ng		99
90) Dibenzo(a,h)anthracene	18.88	278	291538	4630.12	ng		97
91) Benzo(g,h,i)perylene	19.23	276	303151	4801.96	ng		98

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

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