Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077392.D
Acq On : 20 Feb 2015 20:08
Operator : TP/IZ
Sample : PB81820BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81820BS

Quant Time: Feb 21 01:34:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 20 23:55:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	78190	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	321117	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	170848	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	354956	20.00	ng		0.00
75) Chrysene-d12	16.23	240	358325	20.00	ng		0.00
86) Perylene-d12	18.01	264	340480	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	513180	109.57	ng		0.00
7) Phenol-d6	6.88	99	627486	104.20	ng		0.00
23) Nitrobenzene-d5	8.02	82	366807	71.03	ng		0.00
41) 2,4,6-Tribromophenol	12.07	330	196136	119.23	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	904816	82.58	ng		0.00
78) Terphenyl-d14	14.92	244	1137799	74.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	53207	26.77	ng		99
3) Pyridine	3.06	79	140052	24.63	ng		96
4) n-Nitrosodimethylamine	2.98	42	77331	31.28	ng		95
6) Aniline	6.91	93	147252	17.69	ng		94
8) 2-Chlorophenol	7.06	128	187186	33.88	ng		94
10) Phenol	6.90	94	227217	31.80	ng		96
11) bis(2-Chloroethyl)ether	7.01	93	165985	32.33	ng		88
12) 1,3-Dichlorobenzene	7.25	146	194919	32.40	ng		96
13) 1,4-Dichlorobenzene	7.36	146	200792	32.81	ng		98
14) 1,2-Dichlorobenzene	7.54	146	189192	32.49	ng		97
15) Benzyl Alcohol	7.50	79	156094	34.10	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	248479	33.86	ng		96
17) 2-Methylphenol	7.64	107	147593	34.18	ng		95
18) Hexachloroethane	7.95	117	66719	32.64	ng	#	79
19) n-Nitroso-di-n-propylamine	7.85	70	132820	34.73	ng	#	89
20) 3+4-Methylphenols	7.84	107	194972	34.28	ng	#	68
22) Acetophenone	7.84	105	263660	34.91	ng	#	93
24) Nitrobenzene	8.04	77	186392	34.31	ng	#	84
25) Isophorone	8.34	82	345411	33.71	ng		94
26) 2-Nitrophenol	8.44	139	76795	34.49	ng	#	87
27) 2,4-Dimethylphenol	8.50	122	168806	33.88	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	220694	34.10	ng		98
29) 2,4-Dichlorophenol	8.73	162	165087	35.30	ng		92
30) 1,2,4-Trichlorobenzene	8.84	180	172226	33.50	ng		98
31) Naphthalene	8.93	128	566485	35.28	ng		99
32) Benzoic acid	8.59	122	85108	35.16	ng		99
33) 4-Chloroaniline	9.00	127	132555	18.57	ng	#	91
34) Hexachlorobutadiene	9.09	225	101698	34.65	ng		100
35) Caprolactam	9.42	113	52454	36.74	ng		90
36) 4-Chloro-3-methylphenol	9.61	107	174879	37.20	ng		95
37) 2-Methylnaphthalene	9.79	142	385521	33.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	179367	36.59	ng		98
40) Hexachlorocyclopentadiene	9.98	237	187105	71.18	ng		96
42) 2,4,6-Trichlorophenol	10.15	196	125373	38.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.18	196	130044	37.46	ng	#	82
45) 1,1'-Biphenyl	10.37	154	470914	36.38	ng		97
46) 2-Chloronaphthalene	10.40	162	386036	38.03	ng		98
47) 2-Nitroaniline	10.52	65	103629	41.47	ng		88
48) Acenaphthylene	10.91	152	627511	39.05	ng		99
49) Dimethylphthalate	10.76	163	473761	39.45	ng		98
50) 2,6-Dinitrotoluene	10.83	165	96400	40.03	ng	#	66
51) Acenaphthene	11.13	154	368089	38.38	ng		99
52) 3-Nitroaniline	11.04	138	75721	27.27	ng		81
53) 2,4-Dinitrophenol	11.16	184	51333	70.05	ng	#	66
54) Dibenzofuran	11.35	168	576466	38.93	ng		95
55) 4-Nitrophenol	11.24	139	174749	78.24	ng		100
56) 2,4-Dinitrotoluene	11.32	165	130769	40.18	ng	#	68
57) Fluorene	11.77	166	463187	39.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	111284	39.88	ng		99
59) Diethylphthalate	11.64	149	481948	40.71	ng		98
60) 4-Chlorophenyl-phenylether	11.78	204	219462	38.48	ng		93
61) 4-Nitroaniline	11.79	138	101813	38.26	ng		90
62) Azobenzene	11.97	77	433354	38.58	ng		92
64) 4,6-Dinitro-2-methylphenol	11.83	198	40265	29.94	ng	#	60
65) n-Nitrosodiphenylamine	11.92	169	392420	33.32	ng		100
66) 4-Bromophenyl-phenylether	12.39	248	142657	34.32	ng	#	90
67) Hexachlorobenzene	12.44	284	145956	32.72	ng	#	88
68) Atrazine	12.59	200	134155	35.04	ng		97
69) Pentachlorophenol	12.68	266	163093	69.55	ng		99
70) Phenanthrene	12.96	178	682051	33.15	ng		99
71) Anthracene	13.03	178	714898	35.02	ng		99
72) Carbazole	13.23	167	649231	33.45	ng		98
73) Di-n-butylphthalate	13.68	149	811281	35.59	ng		99
74) Fluoranthene	14.44	202	785372	34.95	ng		97
76) Benzidine	14.61	184	364002	30.07	ng		99
77) Pyrene	14.72	202	768262	35.05	ng		99
79) Butylbenzylphthalate	15.55	149	362346	40.18	ng		89
80) Benzo(a)anthracene	16.21	228	743355	35.40	ng		100
81) 3,3'-Dichlorobenzidine	16.19	252	165836	21.55	ng	#	97
82) Chrysene	16.26	228	668259	33.89	ng		100
83) Bis(2-ethylhexyl)phthalate	16.27	149	526542	36.41	ng	#	96
84) Di-n-octyl phthalate	17.08	149	894918	37.07	ng		99
85) Indeno(1,2,3-cd)pyrene	19.52	276	757171m	33.68	ng		
87) Benzo(b)fluoranthene	17.55	252	799959	40.40	ng	#	97
88) Benzo(k)fluoranthene	17.59	252	574705m	29.62	ng		
89) Benzo(a)pyrene	17.95	252	672337	35.65	ng		99
90) Dibenzo(a,h)anthracene	19.55	278	627777	34.91	ng		98
91) Benzo(g,h,i)perylene	19.96	276	632055	34.82	ng		95

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

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