Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077186.D
Acq On : 5 Feb 2015 15:57
Operator : TP/IZ
Sample : PB81602BS
Misc : W/DOD
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81602BS

Quant Time: Feb 06 00:23:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 00:12:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	26498	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	114469	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	61158	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	104654	20.00	ng		0.00
75) Chrysene-d12	21.07	240	108906	20.00	ng		0.00
86) Perylene-d12	22.75	264	100588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	149610	92.83	ng		0.00
7) Phenol-d6	7.08	99	187059	92.01	ng		0.00
23) Nitrobenzene-d5	8.99	82	117411	56.83	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	42698	86.01	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	237479	59.09	ng		0.00
78) Terphenyl-d14	19.81	244	256370	54.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	16183	23.45	ng		99
3) Pyridine	1.56	79	43703	24.47	ng		99
4) n-Nitrosodimethylamine	1.52	42	26735	30.22	ng		94
6) Aniline	6.98	93	36827	13.09	ng		95
8) 2-Chlorophenol	7.21	128	53266	28.67	ng		97
9) Benzaldehyde	6.74	77	3449	2.02	ng	#	83
10) Phenol	7.12	94	57053	26.43	ng		93
11) bis(2-Chloroethyl)ether	7.23	93	49388	29.24	ng	#	73
12) 1,3-Dichlorobenzene	7.53	146	55409	26.21	ng		96
13) 1,4-Dichlorobenzene	7.72	146	56902	25.39	ng		99
14) 1,2-Dichlorobenzene	8.03	146	54447	26.36	ng		94
15) Benzyl Alcohol	8.13	79	44571	27.09	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	62338	27.45	ng		98
17) 2-Methylphenol	8.49	107	40118	26.42	ng		95
18) Hexachloroethane	8.77	117	21599	27.70	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	36322	25.52	ng		95
20) 3+4-Methylphenols	8.88	107	44218	21.99	ng		97
22) Acetophenone	8.68	105	76061	27.13	ng		99
24) Nitrobenzene	9.04	77	53083	25.22	ng		99
25) Isophorone	9.63	82	98019	26.05	ng		97
26) 2-Nitrophenol	9.78	139	22025	21.45	ng	#	86
27) 2,4-Dimethylphenol	10.06	122	44333	27.24	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	59003	27.59	ng		96
29) 2,4-Dichlorophenol	10.38	162	33219	21.90	ng		96
30) 1,2,4-Trichlorobenzene	10.51	180	45840	27.21	ng		97
31) Naphthalene	10.64	128	154650	26.24	ng		100
32) Benzoic acid	10.45	122	8861m	9.83	ng		
33) 4-Chloroaniline	10.91	127	33746	14.17	ng		97
34) Hexachlorobutadiene	11.00	225	24532	24.54	ng		96
35) Caprolactam	11.73	113	11105	24.86	ng	#	86
36) 4-Chloro-3-methylphenol	12.20	107	41711	24.01	ng		93
37) 2-Methylnaphthalene	12.29	142	109230	27.14	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	41467	27.42	ng		97
40) Hexachlorocyclopentadiene	12.68	237	40613	51.62	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	27500	24.96	ng		96
43) 2,4,5-Trichlorophenol	13.15	196	23910	21.28	ng	#	91
45) 1,1'-Biphenyl	13.45	154	126272	27.85	ng		98
46) 2-Chloronaphthalene	13.43	162	100992	27.07	ng		99
47) 2-Nitroaniline	13.78	65	31538	27.86	ng		90
48) Acenaphthylene	14.36	152	165578	26.31	ng		99
49) Dimethylphthalate	14.33	163	123260	28.42	ng		98
50) 2,6-Dinitrotoluene	14.42	165	24967	28.81	ng		90
51) Acenaphthene	14.79	154	92398	25.88	ng		98
52) 3-Nitroaniline	14.77	138	21755	20.31	ng		95
53) 2,4-Dinitrophenol	15.07	184	9694	32.09	ng	#	84
54) Dibenzofuran	15.22	168	145239	27.92	ng		98
55) 4-Nitrophenol	15.39	139	23152m	34.05	ng		
56) 2,4-Dinitrotoluene	15.36	165	33452	26.73	ng	#	95
57) Fluorene	15.97	166	117386	26.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.59	232	17669	21.60	ng	#	97
59) Diethylphthalate	15.97	149	125620	28.66	ng		98
60) 4-Chlorophenyl-phenylether	16.07	204	51887	28.78	ng		97
61) 4-Nitroaniline	16.13	138	25011	23.64	ng		97
62) Azobenzene	16.36	77	127215	27.85	ng		97
64) 4,6-Dinitro-2-methylphenol	16.21	198	12767	20.98	ng		86
65) n-Nitrosodiphenylamine	16.32	169	101347	27.16	ng		97
66) 4-Bromophenyl-phenylether	16.93	248	29982	28.28	ng		97
67) Hexachlorobenzene	16.95	284	30481	27.28	ng	#	84
68) Atrazine	17.32	200	32237	28.47	ng		98
69) Pentachlorophenol	17.32	266	12523	29.24	ng		95
70) Phenanthrene	17.60	178	176142	26.99	ng		99
71) Anthracene	17.68	178	170478	26.79	ng		100
72) Carbazole	17.97	167	168820	27.35	ng		99
73) Di-n-butylphthalate	18.57	149	192201	26.90	ng		98
74) Fluoranthene	19.25	202	188387	28.17	ng		99
76) Benzidine	19.51	184	61601	17.68	ng		97
77) Pyrene	19.54	202	197994	26.53	ng		99
79) Butylbenzylphthalate	20.48	149	87710	25.95	ng		95
80) Benzo(a)anthracene	21.06	228	177096	25.92	ng		98
81) 3,3'-Dichlorobenzidine	21.08	252	42626	19.63	ng	#	97
82) Chrysene	21.11	228	170111	27.30	ng		100
83) Bis(2-ethylhexyl)phthalate	21.22	149	117685	25.16	ng		96
84) Di-n-octyl phthalate	22.00	149	202249	24.92	ng		98
85) Indeno(1,2,3-cd)pyrene	23.91	276	182763	27.68	ng	#	84
87) Benzo(b)fluoranthene	22.33	252	159514m	23.55	ng		
88) Benzo(k)fluoranthene	22.36	252	174716m	29.52	ng		
89) Benzo(a)pyrene	22.69	252	165804	27.75	ng		97
90) Dibenzo(a,h)anthracene	23.93	278	148000	26.99	ng		98
91) Benzo(g,h,i)perylene	24.17	276	148008	27.15	ng	#	94

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

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