Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077029.D
Acq On : 23 Jan 2015 3:26
Operator : TP/IZ
Sample : G1120-01MSD
Misc : S
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AY-B5-FOOTINGS-AMSD

Quant Time: Jan 23 10:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 03:40:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23267	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	101623	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	54190	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	89473	20.00	ng		0.00
75) Chrysene-d12	21.19	240	85812	20.00	ng		0.00
86) Perylene-d12	22.83	264	75775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	212992	150.51	ng		0.00
7) Phenol-d6	7.26	99	275949	154.58	ng		0.00
23) Nitrobenzene-d5	9.16	82	173113	94.37	ng		0.00
41) 2,4,6-Tribromophenol	16.59	330	67564	153.60	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	352309	98.94	ng		0.00
78) Terphenyl-d14	19.92	244	344809	92.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.21	88	17856	29.47	ng		97
3) Pyridine	1.68	79	50591	32.27	ng		95
4) n-Nitrosodimethylamine	1.64	42	34467	44.38	ng		97
6) Aniline	7.14	93	74640	30.21	ng		95
8) 2-Chlorophenol	7.38	128	78342	48.02	ng		98
9) Benzaldehyde	6.86	77	18091	15.70	ng		94
10) Phenol	7.28	94	101293	53.43	ng		93
11) bis(2-Chloroethyl)ether	7.40	93	74725	50.38	ng	#	78
12) 1,3-Dichlorobenzene	7.69	146	81744	44.04	ng		95
13) 1,4-Dichlorobenzene	7.89	146	84000	42.68	ng		97
14) 1,2-Dichlorobenzene	8.21	146	82198	45.33	ng		99
15) Benzyl Alcohol	8.29	79	70908	49.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	93645	46.97	ng		92
17) 2-Methylphenol	8.64	107	63032	47.28	ng		97
18) Hexachloroethane	8.95	117	31727	46.34	ng		99
19) n-Nitroso-di-n-propylamine	8.93	70	60152	48.14	ng		97
20) 3+4-Methylphenols	9.02	107	82082	46.50	ng		97
22) Acetophenone	8.85	105	117723	47.30	ng		95
24) Nitrobenzene	9.20	77	89651	47.98	ng		97
25) Isophorone	9.80	82	153051	45.81	ng		97
26) 2-Nitrophenol	9.93	139	42649	44.70	ng	#	82
27) 2,4-Dimethylphenol	10.22	122	70737	48.95	ng		97
28) bis(2-Chloroethoxy)methane	10.42	93	93816	49.41	ng		98
29) 2,4-Dichlorophenol	10.54	162	67967	50.46	ng		94
30) 1,2,4-Trichlorobenzene	10.68	180	70804	47.33	ng		99
31) Naphthalene	10.81	128	239404	45.76	ng		99
32) Benzoic acid	10.56	122	22100	27.61	ng		91
33) 4-Chloroaniline	11.05	127	60324	28.53	ng		99
34) Hexachlorobutadiene	11.18	225	39104	44.06	ng		95
35) Caprolactam	11.89	113	18628m	46.98	ng		
36) 4-Chloro-3-methylphenol	12.36	107	73347	47.57	ng		95
37) 2-Methylnaphthalene	12.47	142	164217	45.96	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	66830	49.88	ng		96
40) Hexachlorocyclopentadiene	12.86	237	58698	81.31	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	45495	46.61	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	48541	48.76	ng		95
45) 1,1'-Biphenyl	13.61	154	194507	48.42	ng		98
46) 2-Chloronaphthalene	13.59	162	156421	47.32	ng		98
47) 2-Nitroaniline	13.93	65	50204	50.06	ng		89
48) Acenaphthylene	14.54	152	249272	44.70	ng		99
49) Dimethylphthalate	14.49	163	197719	51.45	ng		98
50) 2,6-Dinitrotoluene	14.59	165	38995	50.79	ng		93
51) Acenaphthene	14.96	154	143822	45.46	ng		97
52) 3-Nitroaniline	14.93	138	35599	35.98	ng	#	75
53) 2,4-Dinitrophenol	15.21	184	29246	81.00	ng		92
54) Dibenzofuran	15.40	168	221022	47.96	ng		96
55) 4-Nitrophenol	15.53	139	61709	102.44	ng	#	81
56) 2,4-Dinitrotoluene	15.52	165	53666	46.68	ng	#	88
57) Fluorene	16.13	166	184566	47.27	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.74	232	35782	49.36	ng		97
59) Diethylphthalate	16.13	149	197607	50.88	ng		98
60) 4-Chlorophenyl-phenylether	16.22	204	78188	48.94	ng	#	86
61) 4-Nitroaniline	16.27	138	38652	40.18	ng		95
62) Azobenzene	16.51	77	198797	49.12	ng		99
64) 4,6-Dinitro-2-methylphenol	16.35	198	23432	41.25	ng		99
65) n-Nitrosodiphenylamine	16.46	169	149787	46.95	ng		97
66) 4-Bromophenyl-phenylether	17.07	248	44483	49.07	ng		92
67) Hexachlorobenzene	17.08	284	46079	48.24	ng		91
68) Atrazine	17.44	200	53142	54.89	ng		94
69) Pentachlorophenol	17.44	266	41813	94.09	ng		93
70) Phenanthrene	17.73	178	261861	46.93	ng		98
71) Anthracene	17.81	178	262076	48.17	ng		98
72) Carbazole	18.09	167	253051	47.95	ng		98
73) Di-n-butylphthalate	18.68	149	310633	50.85	ng		99
74) Fluoranthene	19.37	202	268987	47.05	ng		97
76) Benzidine	19.61	184	160881	58.59	ng		99
77) Pyrene	19.66	202	281720	47.90	ng		100
79) Butylbenzylphthalate	20.59	149	143147	53.74	ng		94
80) Benzo(a)anthracene	21.18	228	255980	47.55	ng		99
81) 3,3'-Dichlorobenzidine	21.19	252	76177	44.52	ng		97
82) Chrysene	21.23	228	238664	48.61	ng		99
83) Bis(2-ethylhexyl)phthalate	21.33	149	204851	55.59	ng		96
84) Di-n-octyl phthalate	22.09	149	348231	54.45	ng		98
85) Indeno(1,2,3-cd)pyrene	23.89	276	238349	45.81	ng	#	84
87) Benzo(b)fluoranthene	22.43	252	247373	48.47	ng	#	96
88) Benzo(k)fluoranthene	22.45	252	204372m	45.84	ng		
89) Benzo(a)pyrene	22.77	252	221770	49.26	ng		98
90) Dibenzo(a,h)anthracene	23.92	278	200237	48.48	ng		99
91) Benzo(g,h,i)perylene	24.17	276	202326	49.27	ng	#	93

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

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