Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076877.D
Acq On : 15 Jan 2015 11:02
Operator : IZ / TP
Sample : G1071-01MS
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-04-004-AMS

Quant Time: Jan 15 13:09:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 15 11:52:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31265	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	127775	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	68213	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	112452	20.00	ng		0.00
75) Chrysene-d12	21.32	240	105753	20.00	ng		0.01
86) Perylene-d12	23.07	264	101286	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	184744	97.15	ng		0.00
7) Phenol-d6	7.42	99	228747	95.36	ng		0.00
23) Nitrobenzene-d5	9.32	82	141653	61.42	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	51767	93.49	ng		0.00
44) 2-Fluorobiphenyl	13.58	172	271132	60.49	ng		-0.01
78) Terphenyl-d14	20.04	244	258418	56.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.33	88	21178	26.01	ng	#	91
3) Pyridine	1.83	79	48932	23.22	ng		97
4) n-Nitrosodimethylamine	1.77	42	31648	30.32	ng		87
6) Aniline	7.32	93	34327	10.34	ng		90
8) 2-Chlorophenol	7.56	128	60815	27.74	ng		99
9) Benzaldehyde	7.03	77	24842	16.08	ng		100
10) Phenol	7.44	94	78136	30.67	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	59170	29.69	ng		93
12) 1,3-Dichlorobenzene	7.86	146	67226	26.95	ng		98
13) 1,4-Dichlorobenzene	8.06	146	68157	25.77	ng		96
14) 1,2-Dichlorobenzene	8.38	146	66146	27.14	ng		98
15) Benzyl Alcohol	8.45	79	52019	26.80	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	75383	28.14	ng		90
17) 2-Methylphenol	8.79	107	48908	27.30	ng		95
18) Hexachloroethane	9.12	117	25005	27.18	ng		97
19) n-Nitroso-di-n-propylamine	9.08	70	45308	26.98	ng		99
20) 3+4-Methylphenols	9.18	107	60868	25.66	ng		92
22) Acetophenone	9.00	105	92041	29.41	ng		97
24) Nitrobenzene	9.36	77	68948	29.35	ng		97
25) Isophorone	9.96	82	117343	27.94	ng	#	94
26) 2-Nitrophenol	10.09	139	32166	27.52	ng	#	88
27) 2,4-Dimethylphenol	10.37	122	49246	27.11	ng		96
28) bis(2-Chloroethoxy)methane	10.57	93	72673	30.44	ng		98
29) 2,4-Dichlorophenol	10.70	162	50089	29.58	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	55567	29.54	ng		97
31) Naphthalene	10.97	128	189639	28.83	ng		99
32) Benzoic acid	10.67	122	15621m	15.52	ng		
33) 4-Chloroaniline	11.21	127	33396	12.56	ng		98
34) Hexachlorobutadiene	11.34	225	30820	27.62	ng		96
35) Caprolactam	12.01	113	13347m	26.77	ng		
36) 4-Chloro-3-methylphenol	12.52	107	56636	29.21	ng		98
37) 2-Methylnaphthalene	12.63	142	129397	28.80	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	49473	29.34	ng		98
40) Hexachlorocyclopentadiene	13.02	237	39847	45.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	35775	29.11	ng		96
43) 2,4,5-Trichlorophenol	13.47	196	34056	27.17	ng	#	90
45) 1,1'-Biphenyl	13.79	154	150224	29.71	ng		96
46) 2-Chloronaphthalene	13.76	162	116488	27.99	ng		99
47) 2-Nitroaniline	14.11	65	37432	29.65	ng		85
48) Acenaphthylene	14.72	152	190607	27.16	ng		99
49) Dimethylphthalate	14.65	163	178627	36.93	ng		98
50) 2,6-Dinitrotoluene	14.76	165	29489	30.51	ng		91
51) Acenaphthene	15.15	154	112326	28.20	ng		93
52) 3-Nitroaniline	15.10	138	24396	20.41	ng		92
53) 2,4-Dinitrophenol	15.39	184	19879	49.14	ng		90
54) Dibenzofuran	15.57	168	170979	29.47	ng		99
55) 4-Nitrophenol	15.68	139	41838	55.17	ng		95
56) 2,4-Dinitrotoluene	15.68	165	40849	29.06	ng	#	87
57) Fluorene	16.28	166	145943	29.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.89	232	25205	27.62	ng		91
59) Diethylphthalate	16.25	149	145779	29.82	ng		99
60) 4-Chlorophenyl-phenylether	16.36	204	56680	28.19	ng		95
61) 4-Nitroaniline	16.40	138	29138	24.63	ng		91
62) Azobenzene	16.64	77	147693	28.99	ng		95
64) 4,6-Dinitro-2-methylphenol	16.47	198	15899	23.79	ng	#	56
65) n-Nitrosodiphenylamine	16.60	169	111027	27.69	ng		99
66) 4-Bromophenyl-phenylether	17.19	248	32425	28.46	ng		96
67) Hexachlorobenzene	17.21	284	32664	27.21	ng		93
68) Atrazine	17.56	200	42550	34.97	ng		96
69) Pentachlorophenol	17.57	266	26831	51.42	ng		96
70) Phenanthrene	17.85	178	366600	52.28	ng		98
71) Anthracene	17.92	178	219238	32.06	ng		99
72) Carbazole	18.21	167	208791	31.48	ng		98
73) Di-n-butylphthalate	18.79	149	224414	29.23	ng		99
74) Fluoranthene	19.49	202	425039	59.15	ng		99
76) Benzidine	19.72	184	58650	17.33	ng		99
77) Pyrene	19.77	202	397518	54.85	ng		97
79) Butylbenzylphthalate	20.70	149	100255	30.54	ng		98
80) Benzo(a)anthracene	21.31	228	274416	41.36	ng		99
81) 3,3'-Dichlorobenzidine	21.32	252	40309	19.12	ng	#	98
82) Chrysene	21.35	228	239765	39.63	ng		100
83) Bis(2-ethylhexyl)phthalate	21.45	149	149750	32.97	ng		99
84) Di-n-octyl phthalate	22.25	149	261976	33.24	ng		99
85) Indeno(1,2,3-cd)pyrene	24.29	276	226582m	35.33	ng		
87) Benzo(b)fluoranthene	22.62	252	248391m	36.41	ng		
88) Benzo(k)fluoranthene	22.65	252	204666m	34.34	ng		
89) Benzo(a)pyrene	23.00	252	217326	36.12	ng	#	96
90) Dibenzo(a,h)anthracene	24.31	278	165189m	29.92	ng		
91) Benzo(g,h,i)perylene	24.59	276	189035m	34.44	ng		

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

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