Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078109.D
Acq On : 31 Mar 2015 11:48
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 01 01:00:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:58:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44178	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	191150	20.00	ng		0.00
38) Acenaphthene-d10	10.78	164	94336	20.00	ng		-0.01
63) Phenanthrene-d10	12.63	188	180131	20.00	ng		0.00
75) Chrysene-d12	15.89	240	171064m	20.00	ng		-0.09
86) Perylene-d12	17.61	264	161489m	20.00	ng		-0.30
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	204167	80.67	ng		0.00
7) Phenol-d6	6.64	99	253263	80.99	ng		0.00
23) Nitrobenzene-d5	7.74	82	237361	81.40	ng		0.00
41) 2,4,6-Tribromophenol	11.77	330	68433	75.82	ng		-0.01
44) 2-Fluorobiphenyl	9.97	172	506680	78.93	ng		0.00
78) Terphenyl-d14	14.61	244	556626	79.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	39250	34.16	ng	#	100
3) Pyridine	2.53	79	131669	42.65	ng		98
4) n-Nitrosodimethylamine	2.48	42	48793	36.29	ng	#	100
6) Aniline	6.64	93	178431	39.89	ng		94
8) 2-Chlorophenol	6.78	128	118836	39.45	ng		89
9) Benzaldehyde	6.49	77	60282	47.06	ng		98
10) Phenol	6.65	94	150445	40.70	ng		80
11) bis(2-Chloroethyl)ether	6.74	93	110361	39.86	ng		90
12) 1,3-Dichlorobenzene	6.97	146	134260	40.07	ng		97
13) 1,4-Dichlorobenzene	7.07	146	135710	38.98	ng		98
14) 1,2-Dichlorobenzene	7.25	146	125582	39.34	ng		99
15) Benzyl Alcohol	7.24	79	98587	40.39	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	147774	39.61	ng		99
17) 2-Methylphenol	7.40	107	96480	39.34	ng		98
18) Hexachloroethane	7.66	117	46717	40.91	ng		93
19) n-Nitroso-di-n-propylamine	7.57	70	89713	41.47	ng		95
20) 3+4-Methylphenols	7.60	107	133176	41.38	ng		98
22) Acetophenone	7.56	105	169310	40.01	ng	#	93
24) Nitrobenzene	7.77	77	130311	41.48	ng	#	88
25) Isophorone	8.06	82	227535	38.64	ng		94
26) 2-Nitrophenol	8.16	139	59242	38.52	ng	#	84
27) 2,4-Dimethylphenol	8.24	122	106344	37.95	ng		94
28) bis(2-Chloroethoxy)methane	8.35	93	139935	39.15	ng		100
29) 2,4-Dichlorophenol	8.46	162	106938	40.04	ng		99
30) 1,2,4-Trichlorobenzene	8.56	180	113179	37.87	ng		99
31) Naphthalene	8.65	128	384542	39.17	ng		100
32) Benzoic acid	8.36	122	56200	36.73	ng		97
33) 4-Chloroaniline	8.73	127	150617	37.80	ng	#	91
34) Hexachlorobutadiene	8.81	225	64655	38.17	ng		97
35) Caprolactam	9.16	113	30320	38.84	ng		99
36) 4-Chloro-3-methylphenol	9.36	107	105939	39.42	ng		99
37) 2-Methylnaphthalene	9.50	142	251836	38.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	110998	39.45	ng	#	100
40) Hexachlorocyclopentadiene	9.70	237	48484	36.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	74200	38.07	ng		99
43) 2,4,5-Trichlorophenol	9.92	196	81867	38.88	ng	#	96
45) 1,1'-Biphenyl	10.09	154	292522	38.79	ng		99
46) 2-Chloronaphthalene	10.11	162	243307	39.70	ng		99
47) 2-Nitroaniline	10.25	65	60568	39.79	ng		87
48) Acenaphthylene	10.61	152	394438	38.70	ng		100
49) Dimethylphthalate	10.49	163	280027	40.02	ng		99
50) 2,6-Dinitrotoluene	10.56	165	60877	41.97	ng	#	86
51) Acenaphthene	10.83	154	236564	40.49	ng		99
52) 3-Nitroaniline	10.76	138	63133	37.48	ng		94
53) 2,4-Dinitrophenol	10.89	184	16226	35.44	ng		97
54) Dibenzofuran	11.05	168	335119	38.67	ng		99
55) 4-Nitrophenol	10.99	139	47436	38.02	ng	#	79
56) 2,4-Dinitrotoluene	11.05	165	77969	41.23	ng	#	81
57) Fluorene	11.47	166	280834	39.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	59387	36.63	ng	#	100
59) Diethylphthalate	11.36	149	263341	38.63	ng		97
60) 4-Chlorophenyl-phenylether	11.48	204	126565	38.54	ng		99
61) 4-Nitroaniline	11.51	138	66847	39.82	ng		74
62) Azobenzene	11.68	77	284447	43.66	ng		99
64) 4,6-Dinitro-2-methylphenol	11.55	198	32742	39.35	ng		74
65) n-Nitrosodiphenylamine	11.63	169	236534	39.44	ng		98
66) 4-Bromophenyl-phenylether	12.09	248	74328	38.67	ng		94
67) Hexachlorobenzene	12.13	284	79061	37.43	ng	#	78
68) Atrazine	12.31	200	61947	36.85	ng		96
69) Pentachlorophenol	12.40	266	32982	31.75	ng		99
70) Phenanthrene	12.65	178	399327	38.62	ng		100
71) Anthracene	12.72	178	412443	40.37	ng		99
72) Carbazole	12.93	167	383343	39.44	ng		98
73) Di-n-butylphthalate	13.39	149	437273	40.13	ng		98
74) Fluoranthene	14.12	202	441157	38.68	ng		97
76) Benzidine	14.32	184	261661	62.11	ng		99
77) Pyrene	14.40	202	445279	41.39	ng		100
79) Butylbenzylphthalate	15.24	149	184450	43.49	ng		99
80) Benzo(a)anthracene	15.88	228	407702m	40.21	ng		
81) 3,3'-Dichlorobenzidine	15.87	252	143898m	43.02	ng		
82) Chrysene	15.93	228	366404	40.19	ng		99
83) Bis(2-ethylhexyl)phthalate	15.96	149	283461m	44.12	ng		
84) Di-n-octyl phthalate	16.74	149	471883m	42.96	ng		
85) Indeno(1,2,3-cd)pyrene	18.93	276	424668m	37.32	ng		
87) Benzo(b)fluoranthene	17.16	252	392906m	37.27	ng		
88) Benzo(k)fluoranthene	17.20	252	365201m	44.35	ng		
89) Benzo(a)pyrene	17.54	252	354745m	40.33	ng		
90) Dibenzo(a,h)anthracene	18.96	278	344300m	39.46	ng		
91) Benzo(g,h,i)perylene	19.32	276	348954m	39.29	ng		

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

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