Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
Data File : BF078746.D
Acq On : 23 Apr 2015 12:35
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 23 15:43:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 08:49:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	21466	20.00	ng		-0.03
21) Naphthalene-d8	7.91	136	94496	20.00	ng		-0.03
38) Acenaphthene-d10	11.10	164	49294	20.00	ng		-0.03
63) Phenanthrene-d10	13.83	188	101165	20.00	ng		-0.03
75) Chrysene-d12	17.71	240	109140	20.00	ng		-0.02
86) Perylene-d12	19.50	264	117346	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	3.77	112	101060	77.62	ng		-0.02
7) Phenol-d6	5.26	99	130792	80.16	ng		-0.03
23) Nitrobenzene-d5	6.70	82	122992	78.89	ng		-0.03
41) 2,4,6-Tribromophenol	12.57	330	35122	85.91	ng		-0.03
44) 2-Fluorobiphenyl	9.93	172	269327	78.10	ng		-0.03
78) Terphenyl-d14	16.38	244	362055	74.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.31	88	22972	39.02	ng		96
3) Pyridine	1.80	79	66355	43.03	ng		96
4) n-Nitrosodimethylamine	1.76	42	28817	48.54	ng	#	74
6) Aniline	5.23	93	93835	40.55	ng		90
8) 2-Chlorophenol	5.42	128	60434	39.26	ng		95
9) Benzaldehyde	5.06	77	35362	32.70	ng		99
10) Phenol	5.28	94	75895	38.82	ng		97
11) bis(2-Chloroethyl)ether	5.38	93	54788	38.97	ng		95
12) 1,3-Dichlorobenzene	5.64	146	66341	39.23	ng		97
13) 1,4-Dichlorobenzene	5.78	146	66817	39.25	ng		97
14) 1,2-Dichlorobenzene	6.01	146	61707	38.66	ng		98
15) Benzyl Alcohol	6.03	79	50637	44.16	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.27	45	70207	37.44	ng		79
17) 2-Methylphenol	6.26	107	47001	39.32	ng		95
18) Hexachloroethane	6.56	117	22888	39.87	ng	#	81
19) n-Nitroso-di-n-propylamine	6.49	70	45706	42.46	ng		96
20) 3+4-Methylphenols	6.54	107	62720	39.34	ng		93
22) Acetophenone	6.46	105	86608	39.34	ng	#	94
24) Nitrobenzene	6.73	77	61650	37.83	ng		95
25) Isophorone	7.15	82	120850	40.84	ng		95
26) 2-Nitrophenol	7.28	139	30765	39.61	ng		97
27) 2,4-Dimethylphenol	7.44	122	53619	37.13	ng		95
28) bis(2-Chloroethoxy)methane	7.60	93	72002	37.95	ng		99
29) 2,4-Dichlorophenol	7.72	162	51631	39.30	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	55546	36.87	ng		99
31) Naphthalene	7.95	128	188627	38.35	ng		99
32) Benzoic acid	7.68	122	29782	44.35	ng		92
33) 4-Chloroaniline	8.11	127	82190	40.27	ng		97
34) Hexachlorobutadiene	8.20	225	31192	37.71	ng		97
35) Caprolactam	8.75	113	18283	46.62	ng	#	84
36) 4-Chloro-3-methylphenol	9.07	107	56627	42.72	ng		90
37) 2-Methylnaphthalene	9.21	142	128895	38.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	56565	37.03	ng		98
40) Hexachlorocyclopentadiene	9.50	237	19340	33.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	38990	40.48	ng		98
43) 2,4,5-Trichlorophenol	9.84	196	38713	38.47	ng	#	93
45) 1,1'-Biphenyl	10.09	154	152470	37.81	ng		98
46) 2-Chloronaphthalene	10.09	162	118576	37.38	ng		97
47) 2-Nitroaniline	10.33	65	34786	44.32	ng		90
48) Acenaphthylene	10.83	152	207574	40.52	ng		100
49) Dimethylphthalate	10.74	163	151243	40.84	ng		97
50) 2,6-Dinitrotoluene	10.82	165	31211	40.96	ng	#	33
51) Acenaphthene	11.15	154	114027	39.53	ng		99
52) 3-Nitroaniline	11.11	138	36946	42.64	ng		95
53) 2,4-Dinitrophenol	11.34	184	7490	36.70	ng		98
54) Dibenzofuran	11.49	168	178311	40.48	ng		97
55) 4-Nitrophenol	11.54	139	18906	31.38	ng		86
56) 2,4-Dinitrotoluene	11.57	165	44173	44.76	ng		92
57) Fluorene	12.11	166	146271	40.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.75	232	27327	36.63	ng	#	96
59) Diethylphthalate	12.06	149	152219	42.63	ng		98
60) 4-Chlorophenyl-phenylether	12.18	204	67255	40.94	ng	#	88
61) 4-Nitroaniline	12.23	138	36486	41.66	ng		94
62) Azobenzene	12.47	77	133393	40.93	ng		91
64) 4,6-Dinitro-2-methylphenol	12.31	198	17457	37.12	ng		79
65) n-Nitrosodiphenylamine	12.41	169	130139	37.19	ng		98
66) 4-Bromophenyl-phenylether	13.07	248	41227	38.48	ng		91
67) Hexachlorobenzene	13.11	284	43781	37.29	ng	#	91
68) Atrazine	13.49	200	42558	41.99	ng		96
69) Pentachlorophenol	13.53	266	12598	29.61	ng		98
70) Phenanthrene	13.87	178	222465	38.02	ng		99
71) Anthracene	13.97	178	223741	38.80	ng		99
72) Carbazole	14.31	167	214358	39.67	ng		99
73) Di-n-butylphthalate	14.99	149	258599	42.24	ng		99
74) Fluoranthene	15.77	202	247702	40.14	ng		96
76) Benzidine	16.03	184	174695	41.57	ng		98
77) Pyrene	16.08	202	259266	37.84	ng		98
79) Butylbenzylphthalate	17.09	149	121888	46.68	ng	#	80
80) Benzo(a)anthracene	17.70	228	250958	38.65	ng		99
81) 3,3'-Dichlorobenzidine	17.71	252	91681	42.16	ng	#	97
82) Chrysene	17.75	228	245297	40.21	ng		99
83) Bis(2-ethylhexyl)phthalate	17.85	149	174833	42.69	ng	#	96
84) Di-n-octyl phthalate	18.67	149	314602m	46.78	ng		
85) Indeno(1,2,3-cd)pyrene	20.73	276	298096	43.06	ng	#	87
87) Benzo(b)fluoranthene	19.05	252	257339	35.48	ng		99
88) Benzo(k)fluoranthene	19.09	252	251200m	38.98	ng		
89) Benzo(a)pyrene	19.43	252	242944	38.38	ng	#	95
90) Dibenzo(a,h)anthracene	20.75	278	242116m	38.21	ng		
91) Benzo(g,h,i)perylene	21.04	276	244667m	38.51	ng		

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

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