Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079254.D
Acq On : 15 May 2015 2:28
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 15 04:18:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 02:17:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	60945	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	257733	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	126485	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	239817	20.00	ng		0.00
75) Chrysene-d12	16.10	240	290822	20.00	ng		-0.14
86) Perylene-d12	17.81	264	319118	20.00	ng		-0.49
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	262261m	74.07	ng		0.00
7) Phenol-d6	6.79	99	361476	77.24	ng		0.00
23) Nitrobenzene-d5	7.91	82	325223	72.52	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	107966	78.90	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	662408	72.96	ng		-0.01
78) Terphenyl-d14	14.81	244	879996m	72.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	64266m	41.75	ng		
3) Pyridine	2.83	79	189178m	41.99	ng		
4) n-Nitrosodimethylamine	2.75	42	72017m	37.31	ng		
6) Aniline	6.81	93	251452	38.07	ng		100
8) 2-Chlorophenol	6.95	128	155175	38.64	ng		91
9) Benzaldehyde	6.66	77	107113	33.97	ng		93
10) Phenol	6.80	94	208221	38.35	ng	#	67
11) bis(2-Chloroethyl)ether	6.91	93	142014	35.68	ng		98
12) 1,3-Dichlorobenzene	7.14	146	175037	38.78	ng		98
13) 1,4-Dichlorobenzene	7.24	146	174867	37.65	ng		95
14) 1,2-Dichlorobenzene	7.43	146	162605	37.60	ng		95
15) Benzyl Alcohol	7.40	79	123943	35.68	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.58	45	210855	34.63	ng		99
17) 2-Methylphenol	7.55	107	126903	39.27	ng		98
18) Hexachloroethane	7.84	117	55828	34.89	ng		97
19) n-Nitroso-di-n-propylamine	7.74	70	115909	36.67	ng		97
20) 3+4-Methylphenols	7.75	107	170772	39.66	ng	#	42
22) Acetophenone	7.72	105	208390	35.79	ng	#	89
24) Nitrobenzene	7.93	77	157636	35.46	ng		94
25) Isophorone	8.23	82	299459	36.02	ng	#	90
26) 2-Nitrophenol	8.33	139	75406	40.99	ng		92
27) 2,4-Dimethylphenol	8.39	122	138284	37.56	ng		94
28) bis(2-Chloroethoxy)methane	8.51	93	189452	36.96	ng		99
29) 2,4-Dichlorophenol	8.63	162	132523	40.48	ng		91
30) 1,2,4-Trichlorobenzene	8.73	180	136920	38.07	ng		97
31) Naphthalene	8.82	128	476065	38.77	ng		100
32) Benzoic acid	8.51	122	81684	37.08	ng		88
33) 4-Chloroaniline	8.90	127	200570	38.60	ng	#	86
34) Hexachlorobutadiene	8.97	225	73146	35.32	ng		99
35) Caprolactam	9.32	113	41331	39.04	ng		98
36) 4-Chloro-3-methylphenol	9.51	107	138806	40.37	ng		99
37) 2-Methylnaphthalene	9.68	142	315942	37.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.88	216	128468	36.06	ng		99
40) Hexachlorocyclopentadiene	9.87	237	12250	6.84	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.03	196	95416	38.96	ng		98
43) 2,4,5-Trichlorophenol	10.08	196	97145	39.23	ng	#	93
45) 1,1'-Biphenyl	10.26	154	378309	37.62	ng		98
46) 2-Chloronaphthalene	10.28	162	288597	36.80	ng		92
47) 2-Nitroaniline	10.41	65	85541	37.64	ng	#	87
48) Acenaphthylene	10.80	152	485562	37.70	ng		98
49) Dimethylphthalate	10.65	163	332422	35.81	ng		99
50) 2,6-Dinitrotoluene	10.73	165	69046	37.69	ng		92
51) Acenaphthene	11.00	154	267932	34.89	ng		99
52) 3-Nitroaniline	10.92	138	90572	39.58	ng		96
53) 2,4-Dinitrophenol	11.06	184	4060	12.24	ng	#	73
54) Dibenzofuran	11.22	168	393755	35.50	ng		100
55) 4-Nitrophenol	11.14	139	62650	34.59	ng		85
56) 2,4-Dinitrotoluene	11.22	165	90195	37.24	ng	#	79
57) Fluorene	11.66	166	327421	35.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.38	232	75103	37.12	ng		97
59) Diethylphthalate	11.53	149	334975	36.42	ng		98
60) 4-Chlorophenyl-phenylether	11.66	204	144738	35.83	ng		100
61) 4-Nitroaniline	11.68	138	94498	41.28	ng		92
62) Azobenzene	11.85	77	302512	33.38	ng		98
64) 4,6-Dinitro-2-methylphenol	11.73	198	10559	14.98	ng	#	60
65) n-Nitrosodiphenylamine	11.81	169	292649	36.64	ng		100
66) 4-Bromophenyl-phenylether	12.26	248	91179	36.48	ng		96
67) Hexachlorobenzene	12.33	284	104606	36.61	ng	#	65
68) Atrazine	12.48	200	81587	35.13	ng		98
69) Pentachlorophenol	12.58	266	55496	37.20	ng		97
70) Phenanthrene	12.85	178	501707	37.40	ng		100
71) Anthracene	12.90	178	486221	36.94	ng		99
72) Carbazole	13.11	167	524546	41.81	ng		99
73) Di-n-butylphthalate	13.57	149	633874	42.13	ng		99
74) Fluoranthene	14.32	202	609133	43.57	ng		96
76) Benzidine	14.50	184	389261m	49.66	ng		
77) Pyrene	14.59	202	614177m	36.65	ng		
79) Butylbenzylphthalate	15.43	149	293891	40.12	ng		93
80) Benzo(a)anthracene	16.09	228	624572	39.22	ng		100
81) 3,3'-Dichlorobenzidine	16.07	252	247518	43.63	ng		99
82) Chrysene	16.14	228	581931	37.99	ng		99
83) Bis(2-ethylhexyl)phthalate	16.14	149	406803	36.66	ng	#	98
84) Di-n-octyl phthalate	16.93	149	754822m	38.63	ng		
85) Indeno(1,2,3-cd)pyrene	19.23	276	781565m	40.05	ng		
87) Benzo(b)fluoranthene	17.37	252	658834	37.72	ng	#	96
88) Benzo(k)fluoranthene	17.41	252	641140m	37.92	ng		
89) Benzo(a)pyrene	17.75	252	624317	38.82	ng	#	96
90) Dibenzo(a,h)anthracene	19.26	278	646394	37.82	ng		99
91) Benzo(g,h,i)perylene	19.66	276	636161	37.13	ng		98

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

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