Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079317.D
Acq On : 18 May 2015 21:14
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 19 01:39:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 01:24:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	69028	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	291074	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	140882	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	268054	20.00	ng		0.00
75) Chrysene-d12	16.06	240	275693	20.00	ng		0.00
86) Perylene-d12	17.85	264	282053	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	296530m	73.95	ng		0.00
7) Phenol-d6	6.74	99	397490	74.99	ng		0.01
23) Nitrobenzene-d5	7.86	82	383122	75.65	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	122929	80.66	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	744182	73.59	ng		0.00
78) Terphenyl-d14	14.75	244	873269	75.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	67450m	38.69	ng		
3) Pyridine	2.74	79	183381m	35.94	ng		
4) n-Nitrosodimethylamine	2.66	42	87279m	39.92	ng		
6) Aniline	6.75	93	274513	36.69	ng	#	54
8) 2-Chlorophenol	6.90	128	169830	37.34	ng	#	81
9) Benzaldehyde	6.62	77	119425	33.44	ng		95
10) Phenol	6.75	94	231524	37.65	ng	#	45
11) bis(2-Chloroethyl)ether	6.86	93	164561	36.51	ng		90
12) 1,3-Dichlorobenzene	7.08	146	190101	37.19	ng	#	92
13) 1,4-Dichlorobenzene	7.19	146	197705	37.58	ng		98
14) 1,2-Dichlorobenzene	7.37	146	186393	38.06	ng		99
15) Benzyl Alcohol	7.35	79	134190	34.10	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	241678	35.04	ng		97
17) 2-Methylphenol	7.50	107	134021	36.62	ng	#	91
18) Hexachloroethane	7.78	117	66658	36.78	ng	#	87
19) n-Nitroso-di-n-propylamine	7.69	70	137829	38.50	ng		93
20) 3+4-Methylphenols	7.69	107	188512	38.65	ng	#	49
22) Acetophenone	7.68	105	253775	38.59	ng	#	86
24) Nitrobenzene	7.88	77	195092	38.86	ng	#	86
25) Isophorone	8.18	82	355090	37.82	ng		93
26) 2-Nitrophenol	8.27	139	78412	37.74	ng	#	84
27) 2,4-Dimethylphenol	8.34	122	153633	36.95	ng		94
28) bis(2-Chloroethoxy)methane	8.47	93	219440	37.91	ng		98
29) 2,4-Dichlorophenol	8.58	162	144099	38.97	ng		86
30) 1,2,4-Trichlorobenzene	8.67	180	150451	37.04	ng		99
31) Naphthalene	8.76	128	504541	36.38	ng		99
32) Benzoic acid	8.47	122	105554m	41.51	ng		
33) 4-Chloroaniline	8.84	127	227296	38.73	ng		94
34) Hexachlorobutadiene	8.92	225	86713	37.07	ng		98
35) Caprolactam	9.28	113	46795	39.14	ng		96
36) 4-Chloro-3-methylphenol	9.46	107	158187	40.73	ng		100
37) 2-Methylnaphthalene	9.63	142	362308	37.70	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	147245	37.11	ng		100
40) Hexachlorocyclopentadiene	9.82	237	65859	33.01	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	105534	38.69	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	105924	38.41	ng		98
45) 1,1'-Biphenyl	10.22	154	418997	37.41	ng		99
46) 2-Chloronaphthalene	10.23	162	319785	36.61	ng		98
47) 2-Nitroaniline	10.36	65	101258	40.00	ng	#	79
48) Acenaphthylene	10.74	152	560146	39.05	ng		99
49) Dimethylphthalate	10.60	163	401755	38.86	ng		99
50) 2,6-Dinitrotoluene	10.67	165	78837	38.64	ng	#	56
51) Acenaphthene	10.96	154	320092	37.42	ng		99
52) 3-Nitroaniline	10.88	138	107508	42.18	ng		86
53) 2,4-Dinitrophenol	11.02	184	19815	36.70	ng	#	59
54) Dibenzofuran	11.18	168	461609	37.36	ng		95
55) 4-Nitrophenol	11.10	139	69287	34.34	ng		89
56) 2,4-Dinitrotoluene	11.18	165	109647	40.65	ng		97
57) Fluorene	11.60	166	391480	38.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.33	232	82820	36.75	ng		98
59) Diethylphthalate	11.47	149	388677	37.94	ng		98
60) 4-Chlorophenyl-phenylether	11.61	204	165991	36.90	ng	#	87
61) 4-Nitroaniline	11.63	138	107364	42.10	ng		97
62) Azobenzene	11.81	77	379269	37.58	ng		92
64) 4,6-Dinitro-2-methylphenol	11.68	198	40009	38.85	ng		94
65) n-Nitrosodiphenylamine	11.76	169	347187	38.89	ng		99
66) 4-Bromophenyl-phenylether	12.22	248	104324	37.34	ng	#	78
67) Hexachlorobenzene	12.27	284	122682	38.42	ng	#	71
68) Atrazine	12.43	200	96194	37.06	ng		93
69) Pentachlorophenol	12.53	266	56537	34.51	ng		97
70) Phenanthrene	12.79	178	569921	38.00	ng		100
71) Anthracene	12.85	178	561106	38.14	ng		100
72) Carbazole	13.06	167	542659	38.70	ng		99
73) Di-n-butylphthalate	13.51	149	632534	37.61	ng	#	98
74) Fluoranthene	14.26	202	599400	38.36	ng		96
76) Benzidine	14.45	184	309988	41.72	ng		97
77) Pyrene	14.54	202	596548	37.55	ng		99
79) Butylbenzylphthalate	15.37	149	277797	40.00	ng		96
80) Benzo(a)anthracene	16.05	228	582143	38.56	ng		100
81) 3,3'-Dichlorobenzidine	16.02	252	215864	40.14	ng	#	98
82) Chrysene	16.09	228	548987	37.81	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	408322	38.82	ng	#	98
84) Di-n-octyl phthalate	16.93	149	704291	38.02	ng		97
85) Indeno(1,2,3-cd)pyrene	19.27	276	732855	39.61	ng		99
87) Benzo(b)fluoranthene	17.39	252	584488	37.86	ng	#	95
88) Benzo(k)fluoranthene	17.43	252	589126	39.42	ng		99
89) Benzo(a)pyrene	17.79	252	571838	40.23	ng		98
90) Dibenzo(a,h)anthracene	19.30	278	600566	39.75	ng		97
91) Benzo(g,h,i)perylene	19.69	276	608720	40.20	ng		100

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

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