Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079180.D
Acq On : 13 May 2015 3:25
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 13 04:58:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 04:45:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	83051	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	339047	20.00	ng		0.00
38) Acenaphthene-d10	11.04	164	164150	20.00	ng		0.00
63) Phenanthrene-d10	12.88	188	318668	20.00	ng		0.00
75) Chrysene-d12	16.17	240	331070	20.00	ng		0.00
86) Perylene-d12	17.87	264	338074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	389132	80.65	ng		0.00
7) Phenol-d6	6.84	99	516930	81.06	ng		0.00
23) Nitrobenzene-d5	7.98	82	480122	81.39	ng		0.00
41) 2,4,6-Tribromophenol	12.02	330	153282	86.32	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	906250	76.92	ng		0.00
78) Terphenyl-d14	14.88	244	1109631	80.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	85933	40.96	ng	#	24
3) Pyridine	2.94	79	256891	41.84	ng		98
4) n-Nitrosodimethylamine	2.87	42	95517	36.31	ng		82
6) Aniline	6.87	93	357892	39.76	ng	#	35
8) 2-Chlorophenol	7.02	128	228741	41.80	ng		97
9) Benzaldehyde	6.73	77	158727	36.94	ng		95
10) Phenol	6.87	94	311523	42.11	ng	#	68
11) bis(2-Chloroethyl)ether	6.97	93	212416	39.17	ng		99
12) 1,3-Dichlorobenzene	7.21	146	248410	40.39	ng	#	90
13) 1,4-Dichlorobenzene	7.30	146	251339	39.71	ng		97
14) 1,2-Dichlorobenzene	7.48	146	234381	39.77	ng		96
15) Benzyl Alcohol	7.46	79	178236	37.65	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.64	45	330753	39.86	ng		98
17) 2-Methylphenol	7.61	107	177099	40.22	ng		99
18) Hexachloroethane	7.91	117	84494	38.75	ng		97
19) n-Nitroso-di-n-propylamine	7.80	70	167374	38.86	ng	#	79
20) 3+4-Methylphenols	7.80	107	242195	41.28	ng	#	46
22) Acetophenone	7.79	105	319134	41.66	ng		93
24) Nitrobenzene	8.00	77	236820	40.50	ng		94
25) Isophorone	8.30	82	435191	39.79	ng		98
26) 2-Nitrophenol	8.39	139	110628	45.71	ng	#	77
27) 2,4-Dimethylphenol	8.46	122	209863	43.33	ng		96
28) bis(2-Chloroethoxy)methane	8.58	93	268626	39.84	ng		99
29) 2,4-Dichlorophenol	8.70	162	184989	42.95	ng		94
30) 1,2,4-Trichlorobenzene	8.79	180	191898	40.56	ng		94
31) Naphthalene	8.89	128	665877	41.22	ng		99
32) Benzoic acid	8.57	122	122729	41.45	ng		94
33) 4-Chloroaniline	8.96	127	280134	40.98	ng		99
34) Hexachlorobutadiene	9.04	225	110625	40.61	ng		97
35) Caprolactam	9.39	113	59057	42.41	ng		96
36) 4-Chloro-3-methylphenol	9.56	107	189350	41.86	ng		96
37) 2-Methylnaphthalene	9.75	142	458361	40.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	191552	41.43	ng	#	100
40) Hexachlorocyclopentadiene	9.93	237	22184	9.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.10	196	137702	43.33	ng		96
43) 2,4,5-Trichlorophenol	10.15	196	139741	43.49	ng	#	89
45) 1,1'-Biphenyl	10.33	154	532556	40.81	ng		97
46) 2-Chloronaphthalene	10.35	162	414990	40.77	ng		93
47) 2-Nitroaniline	10.48	65	129769	44.00	ng		90
48) Acenaphthylene	10.86	152	667656	39.95	ng		100
49) Dimethylphthalate	10.72	163	489605	40.64	ng		99
50) 2,6-Dinitrotoluene	10.79	165	100359	42.21	ng		84
51) Acenaphthene	11.07	154	379073	38.03	ng		99
52) 3-Nitroaniline	10.99	138	138725	46.71	ng	#	97
53) 2,4-Dinitrophenol	11.13	184	11740	22.93	ng	#	73
54) Dibenzofuran	11.29	168	579486	40.25	ng		98
55) 4-Nitrophenol	11.21	139	101939	43.37	ng		94
56) 2,4-Dinitrotoluene	11.29	165	132911	42.29	ng	#	72
57) Fluorene	11.71	166	459983	38.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.44	232	104361	39.74	ng	#	100
59) Diethylphthalate	11.59	149	458932	38.45	ng		97
60) 4-Chlorophenyl-phenylether	11.72	204	213059	40.65	ng		98
61) 4-Nitroaniline	11.75	138	136615	45.98	ng		92
62) Azobenzene	11.92	77	459866	39.10	ng		97
64) 4,6-Dinitro-2-methylphenol	11.79	198	25959	24.55	ng	#	64
65) n-Nitrosodiphenylamine	11.87	169	437002	41.18	ng		98
66) 4-Bromophenyl-phenylether	12.33	248	131882	39.70	ng		97
67) Hexachlorobenzene	12.39	284	146336	38.55	ng		96
68) Atrazine	12.55	200	119342	38.67	ng		96
69) Pentachlorophenol	12.64	266	76098	38.17	ng		96
70) Phenanthrene	12.91	178	709193	39.78	ng		99
71) Anthracene	12.97	178	690919	39.51	ng		100
72) Carbazole	13.18	167	647992	38.87	ng		98
73) Di-n-butylphthalate	13.62	149	799248	39.98	ng		99
74) Fluoranthene	14.39	202	768649	41.38	ng		96
76) Benzidine	14.57	184	464837	52.10	ng		97
77) Pyrene	14.67	202	810248	42.47	ng		99
79) Butylbenzylphthalate	15.49	149	372512	44.67	ng		96
80) Benzo(a)anthracene	16.16	228	742513	40.96	ng		99
81) 3,3'-Dichlorobenzidine	16.14	252	305152	47.25	ng		99
82) Chrysene	16.21	228	666517	38.22	ng		100
83) Bis(2-ethylhexyl)phthalate	16.21	149	507135	40.15	ng		99
84) Di-n-octyl phthalate	16.98	149	942630	42.37	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.34	276	837852	37.71	ng	#	100
87) Benzo(b)fluoranthene	17.44	252	768706	41.54	ng	#	97
88) Benzo(k)fluoranthene	17.47	252	717460	40.05	ng	#	94
89) Benzo(a)pyrene	17.81	252	706995	41.49	ng	#	95
90) Dibenzo(a,h)anthracene	19.36	278	669409	36.97	ng		99
91) Benzo(g,h,i)perylene	19.77	276	671660	37.01	ng		99

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

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