Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100923.D
Acq On : 28 Nov 2017 10:23
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 28 15:21:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61666	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	245473	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	119538	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	241399	20.00	ng		0.00
75) Chrysene-d12	14.03	240	195333	20.00	ng		0.00
86) Perylene-d12	15.49	264	158201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	300149	78.02	ng		0.00
7) Phenol-d6	6.49	99	361600	76.23	ng		0.00
23) Nitrobenzene-d5	7.43	82	336319	90.58	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	119716	98.28	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	704536	89.75	ng		0.00
78) Terphenyl-d14	12.97	244	752959	88.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	65712	35.051	ng		98
3) Pyridine	3.40	79	168228	32.891	ng		97
4) n-Nitrosodimethylamine	3.36	42	82614	33.268	ng		94
6) Aniline	6.53	93	237902	35.498	ng		99
8) 2-Chlorophenol	6.65	128	165651	40.704	ng		94
9) Benzaldehyde	6.42	77	120961	35.705	ng		91
10) Phenol	6.50	94	201140	40.390	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	152780	36.524	ng		99
12) 1,3-Dichlorobenzene	6.80	146	190622	40.627	ng		99
13) 1,4-Dichlorobenzene	6.87	146	198322	41.761	ng		98
14) 1,2-Dichlorobenzene	7.03	146	185045	42.144	ng		96
15) Benzyl Alcohol	7.00	79	142854	38.585	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	222674	33.284	ng		100
17) 2-Methylphenol	7.11	107	133554	38.402	ng		99
18) Hexachloroethane	7.37	117	64883	41.438	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	121044	36.793	ng		95
20) 3+4-Methylphenols	7.26	107	171823	39.042	ng	#	86
22) Acetophenone	7.27	105	235008	39.261	ng	#	96
24) Nitrobenzene	7.45	77	165212	43.232	ng		96
25) Isophorone	7.68	82	290580	37.242	ng		100
26) 2-Nitrophenol	7.76	139	90516	50.236	ng		97
27) 2,4-Dimethylphenol	7.79	122	133480	38.163	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	192838	37.784	ng		99
29) 2,4-Dichlorophenol	8.00	162	144514	43.280	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	158625	43.918	ng		98
31) Naphthalene	8.16	128	491257	41.550	ng		100
32) Benzoic acid	7.92	122	119274	45.209	ng		97
33) 4-Chloroaniline	8.21	127	202478	41.142	ng		99
34) Hexachlorobutadiene	8.27	225	95371	44.411	ng		99
35) Caprolactam	8.60	113	44581	38.905	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	146610	40.883	ng		98
37) 2-Methylnaphthalene	8.86	142	331616	42.247	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	180737	45.589	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	61235	32.818	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	108380	43.134 ng		97
43) 2,4,5-Trichlorophenol	9.17	196	116725	44.838 ng	#	90
45) 1,1'-Biphenyl	9.32	154	447351	43.269 ng		98
46) 2-Chloronaphthalene	9.35	162	318959	42.525 ng		97
47) 2-Nitroaniline	9.44	65	94950	43.142 ng		95
48) Acenaphthylene	9.76	152	523471	42.114 ng		99
49) Dimethylphthalate	9.62	163	390381	42.773 ng		100
50) 2,6-Dinitrotoluene	9.69	165	84130	46.568 ng	#	83
51) Acenaphthene	9.93	154	308464	40.804 ng		99
52) 3-Nitroaniline	9.86	138	93165	43.671 ng		89
53) 2,4-Dinitrophenol	9.96	184	33123	51.664 ng	#	11
54) Dibenzofuran	10.10	168	445430	42.040 ng		98
55) 4-Nitrophenol	10.01	139	65870	38.026 ng		95
56) 2,4-Dinitrotoluene	10.09	165	110811	48.620 ng	#	93
57) Fluorene	10.45	166	355979	45.863 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	92707	43.452 ng	#	85
59) Diethylphthalate	10.32	149	387348	42.410 ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	177018	46.490 ng		95
61) 4-Nitroaniline	10.47	138	94761	46.845 ng		92
62) Azobenzene	10.60	77	326667	37.974 ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	61807	50.225 ng		78
65) n-Nitrosodiphenylamine	10.56	169	347175	41.361 ng		96
66) 4-Bromophenyl-phenylether	10.93	248	112154	43.340 ng	#	84
67) Hexachlorobenzene	10.99	284	119813	44.269 ng	#	91
68) Atrazine	11.08	200	109821	43.223 ng		98
69) Pentachlorophenol	11.19	266	72500	37.358 ng		99
70) Phenanthrene	11.41	178	535338	42.119 ng		99
71) Anthracene	11.46	178	536609	41.614 ng		100
72) Carbazole	11.62	167	487588	40.980 ng		99
73) Di-n-butylphthalate	11.94	149	623726	44.796 ng		99
74) Fluoranthene	12.60	202	574376	42.641 ng		96
76) Benzidine	12.72	184	249741	31.925 ng		98
77) Pyrene	12.83	202	583459	41.903 ng		99
79) Butylbenzylphthalate	13.44	149	260434	45.863 ng	#	91
80) Benzo(a)anthracene	14.02	228	507077	43.108 ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	167260	39.687 ng		97
82) Chrysene	14.06	228	470357	41.293 ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	371245	49.708 ng		99
84) Di-n-octyl phthalate	14.60	149	594820	46.360 ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	348010	37.772 ng	#	93
87) Benzo(b)fluoranthene	15.06	252	420782	44.895 ng		99
88) Benzo(k)fluoranthene	15.10	252	385554	43.537 ng	#	95
89) Benzo(a)pyrene	15.43	252	352304	42.400 ng		98
90) Dibenzo(a,h)anthracene	16.99	278	294952	43.405 ng		96
91) Benzo(g,h,i)perylene	17.42	276	287019	43.149 ng	#	93

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

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