Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104500.D
Acq On : 14 Apr 2018 2:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 14 05:19:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129983	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	511386	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	215498	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	324145	20.00	ng		0.00
75) Chrysene-d12	13.99	240	240715	20.00	ng		0.00
86) Perylene-d12	15.46	264	196705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	625153	73.54	ng		0.00
7) Phenol-d6	6.45	99	754470	72.23	ng		0.00
23) Nitrobenzene-d5	7.38	82	666952	85.16	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	148563	66.46	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1105316	81.03	ng		0.00
78) Terphenyl-d14	12.93	244	798466	75.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	145736	36.792	ng		88
3) Pyridine	3.25	79	407906	36.627	ng		87
4) n-Nitrosodimethylamine	3.21	42	135961	34.925	ng		84
6) Aniline	6.47	93	500728	34.506	ng		99
8) 2-Chlorophenol	6.60	128	338557	37.733	ng		95
9) Benzaldehyde	6.36	77	199569	36.781	ng		94
10) Phenol	6.46	94	412333	37.206	ng		82
11) bis(2-Chloroethyl)ether	6.55	93	323123	36.537	ng		93
12) 1,3-Dichlorobenzene	6.75	146	384931	37.869	ng		98
13) 1,4-Dichlorobenzene	6.83	146	384424	37.940	ng		99
14) 1,2-Dichlorobenzene	6.98	146	354773	37.783	ng		99
15) Benzyl Alcohol	6.96	79	279360	35.214	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	401171	33.778	ng		88
17) 2-Methylphenol	7.07	107	285787	36.643	ng		97
18) Hexachloroethane	7.32	117	119142	32.979	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	222872	32.654	ng		94
20) 3+4-Methylphenols	7.22	107	335926	34.728	ng	#	61
22) Acetophenone	7.22	105	459729	36.515	ng		95
24) Nitrobenzene	7.40	77	353475	40.880	ng		98
25) Isophorone	7.63	82	599444	36.196	ng		98
26) 2-Nitrophenol	7.71	139	164022	46.597	ng		96
27) 2,4-Dimethylphenol	7.75	122	256673	35.118	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	376655	37.199	ng		99
29) 2,4-Dichlorophenol	7.96	162	261793	37.540	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	301300	39.368	ng		99
31) Naphthalene	8.12	128	954275	37.475	ng		99
32) Benzoic acid	7.87	122	150203	25.756	ng		98
33) 4-Chloroaniline	8.17	127	400693	36.729	ng		98
34) Hexachlorobutadiene	8.23	225	167952	40.064	ng		100
35) Caprolactam	8.55	113	86029	35.362	ng	#	82
36) 4-Chloro-3-methylphenol	8.65	107	268948	35.967	ng		99
37) 2-Methylnaphthalene	8.81	142	599553	36.399	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	266697	43.233	ng		98
40) Hexachlorocyclopentadiene	8.96	237	20019	5.797	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	170120	39.726	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	185968	38.808	ng		95
45) 1,1'-Biphenyl	9.27	154	721375	39.848	ng		99
46) 2-Chloronaphthalene	9.30	162	569288	39.812	ng		99
47) 2-Nitroaniline	9.40	65	171841	48.595	ng		98
48) Acenaphthylene	9.72	152	844809	37.656	ng		100
49) Dimethylphthalate	9.57	163	688337	40.505	ng		99
50) 2,6-Dinitrotoluene	9.64	165	140739	44.757	ng		97
51) Acenaphthene	9.89	154	488705	35.702	ng		99
52) 3-Nitroaniline	9.81	138	163562	44.431	ng		98
53) 2,4-Dinitrophenol	9.91	184	3505	9.109	ng	#	22
54) Dibenzofuran	10.06	168	698253	36.603	ng		98
55) 4-Nitrophenol	9.97	139	91160	31.524	ng		90
56) 2,4-Dinitrotoluene	10.04	165	171384	41.551	ng		97
57) Fluorene	10.40	166	521991	37.593	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	118344	33.103	ng		94
59) Diethylphthalate	10.27	149	641580	37.908	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	247299	39.992	ng		99
61) 4-Nitroaniline	10.42	138	151898	42.200	ng		97
62) Azobenzene	10.55	77	551169	34.087	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	11924	13.744	ng		79
65) n-Nitrosodiphenylamine	10.52	169	488342	43.451	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	146484	42.485	ng	#	89
67) Hexachlorobenzene	10.95	284	159511	41.116	ng	#	87
68) Atrazine	11.04	200	136762	40.314	ng		98
69) Pentachlorophenol	11.15	266	71254	29.688	ng		99
70) Phenanthrene	11.37	178	676662	37.485	ng		98
71) Anthracene	11.42	178	687920	37.490	ng		99
72) Carbazole	11.57	167	634092	35.364	ng		99
73) Di-n-butylphthalate	11.90	149	868615	39.657	ng		99
74) Fluoranthene	12.56	202	633464	33.587	ng		97
76) Benzidine	12.68	184	283991	33.064	ng		99
77) Pyrene	12.79	202	647681	36.300	ng		99
79) Butylbenzylphthalate	13.40	149	317303	37.748	ng		99
80) Benzo(a)anthracene	13.98	228	574537	39.952	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	214517	40.008	ng		98
82) Chrysene	14.02	228	559176	37.856	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	442194	40.898	ng		100
84) Di-n-octyl phthalate	14.59	149	712124	39.418	ng		95
85) Indeno(1,2,3-cd)pyrene	16.92	276	411926	32.829	ng		96
87) Benzo(b)fluoranthene	15.03	252	487671	39.254	ng		99
88) Benzo(k)fluoranthene	15.06	252	488376	41.639	ng		98
89) Benzo(a)pyrene	15.40	252	423236	38.075	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	349514	38.284	ng		96
91) Benzo(g,h,i)perylene	17.36	276	329004	37.197	ng		96

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

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