Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096722.D
Acq On : 13 Jul 2017 12:30
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 13 13:01:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 12:56:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	98428	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	411119	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	179443	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	304559	20.00	ng		0.00
75) Chrysene-d12	13.77	240	167845	20.00	ng		0.00
86) Perylene-d12	15.16	264	147328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	559106	83.84	ng		0.00
7) Phenol-d6	6.28	99	604382	73.72	ng		0.00
23) Nitrobenzene-d5	7.20	82	525730	76.84	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	127153	90.72	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	910159	86.72	ng		0.00
78) Terphenyl-d14	12.73	244	772168	98.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	142282	44.995	ng	#	76
3) Pyridine	2.90	79	328670	37.882	ng	#	65
4) n-Nitrosodimethylamine	2.85	42	172404	40.259	ng		80
6) Aniline	6.30	93	371895	35.097	ng	#	63
8) 2-Chlorophenol	6.42	128	276431	38.871	ng		98
9) Benzaldehyde	6.18	77	192517	37.522	ng		99
10) Phenol	6.29	94	335341	35.904	ng	#	69
11) bis(2-Chloroethyl)ether	6.37	93	256066	35.477	ng		91
12) 1,3-Dichlorobenzene	6.57	146	297020	39.834	ng		97
13) 1,4-Dichlorobenzene	6.65	146	298957	40.113	ng		96
14) 1,2-Dichlorobenzene	6.81	146	276995	40.479	ng		96
15) Benzyl Alcohol	6.78	79	205916	37.574	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	525895	35.840	ng		91
17) 2-Methylphenol	6.90	107	212680	37.527	ng		96
18) Hexachloroethane	7.15	117	104481	38.669	ng	#	84
19) n-Nitroso-di-n-propylamine	7.06	70	179047	36.660	ng	#	87
20) 3+4-Methylphenols	7.06	107	255171	40.367	ng	#	81
22) Acetophenone	7.05	105	352522	39.243	ng		95
24) Nitrobenzene	7.22	77	267634	37.289	ng		91
25) Isophorone	7.47	82	479228	36.127	ng	#	94
26) 2-Nitrophenol	7.54	139	155156	40.842	ng		93
27) 2,4-Dimethylphenol	7.59	122	248037	38.345	ng		95
28) bis(2-Chloroethoxy)methane	7.68	93	320331	36.581	ng		99
29) 2,4-Dichlorophenol	7.78	162	225849	40.468	ng		96
30) 1,2,4-Trichlorobenzene	7.86	180	215368	40.910	ng		96
31) Naphthalene	7.95	128	773891	39.874	ng		99
32) Benzoic acid	7.72	122	157995	29.083	ng		91
33) 4-Chloroaniline	7.99	127	309863	38.436	ng		97
34) Hexachlorobutadiene	8.07	225	115975	42.951	ng		99
35) Caprolactam	8.37	113	69504	36.116	ng	#	56
36) 4-Chloro-3-methylphenol	8.48	107	242196	39.220	ng		88
37) 2-Methylnaphthalene	8.63	142	496218	40.165	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	197514	42.392	ng		99
40) Hexachlorocyclopentadiene	8.79	237	68437	30.208	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	148164	40.198	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	145677	39.973	ng		98
45) 1,1'-Biphenyl	9.10	154	623937	40.581	ng		99
46) 2-Chloronaphthalene	9.12	162	463492	40.451	ng		95
47) 2-Nitroaniline	9.22	65	155247	37.237	ng		90
48) Acenaphthylene	9.53	152	725694	39.970	ng		98
49) Dimethylphthalate	9.40	163	537798	40.148	ng		99
50) 2,6-Dinitrotoluene	9.46	165	119941	40.490	ng	#	77
51) Acenaphthene	9.70	154	418025	37.353	ng		100
52) 3-Nitroaniline	9.62	138	138180	37.400	ng		96
53) 2,4-Dinitrophenol	9.73	184	49925	31.732	ng	#	76
54) Dibenzofuran	9.87	168	596129	40.346	ng		99
55) 4-Nitrophenol	9.79	139	101206	33.049	ng	#	70
56) 2,4-Dinitrotoluene	9.86	165	151478	40.380	ng	#	82
57) Fluorene	10.22	166	453746	43.481	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.00	232	103966	41.233	ng		97
59) Diethylphthalate	10.10	149	514010	40.596	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	191565	42.192	ng		98
61) 4-Nitroaniline	10.23	138	130511	38.848	ng		91
62) Azobenzene	10.37	77	453141	37.012	ng		92
64) 4,6-Dinitro-2-methylphenol	10.27	198	76713	36.523	ng	#	72
65) n-Nitrosodiphenylamine	10.33	169	426511	39.913	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	122880	41.447	ng		97
67) Hexachlorobenzene	10.77	284	137466	42.356	ng	#	92
68) Atrazine	10.86	200	123121	40.329	ng		95
69) Pentachlorophenol	10.96	266	72643	37.766	ng		94
70) Phenanthrene	11.17	178	645017	39.178	ng		99
71) Anthracene	11.22	178	662329	39.478	ng		98
72) Carbazole	11.38	167	632868	37.509	ng		98
73) Di-n-butylphthalate	11.72	149	800855	39.188	ng		98
74) Fluoranthene	12.36	202	602975	37.355	ng		98
76) Benzidine	12.47	184	225675	28.021	ng		95
77) Pyrene	12.58	202	616219	45.739	ng		98
79) Butylbenzylphthalate	13.21	149	288483	42.300	ng	#	82
80) Benzo(a)anthracene	13.76	228	423493	43.571	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	156963	39.318	ng	#	95
82) Chrysene	13.80	228	414571	40.730	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	360135	47.307	ng		100
84) Di-n-octyl phthalate	14.39	149	574986	38.355	ng		95
85) Indeno(1,2,3-cd)pyrene	16.47	276	389570	48.488	ng		98
87) Benzo(b)fluoranthene	14.77	252	349725	37.884	ng		99
88) Benzo(k)fluoranthene	14.80	252	336809	40.787	ng		96
89) Benzo(a)pyrene	15.10	252	331206	40.186	ng		99
90) Dibenzo(a,h)anthracene	16.49	278	308584	47.593	ng		100
91) Benzo(g,h,i)perylene	16.86	276	334125	49.730	ng		98

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

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