Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104632.D
Acq On : 19 Apr 2018 17:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 20 00:53:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141256	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	587818	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	266525	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	482298	20.00	ng		0.00
75) Chrysene-d12	13.98	240	371977	20.00	ng		0.00
86) Perylene-d12	15.44	264	324699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	701638	75.95	ng		0.00
7) Phenol-d6	6.45	99	868991	76.56	ng		0.00
23) Nitrobenzene-d5	7.37	82	791041	87.87	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	226301	81.85	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1288221	76.36	ng		0.00
78) Terphenyl-d14	12.92	244	1238014	75.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	173021	40.195	ng	#	88
3) Pyridine	3.26	79	475493	39.289	ng		87
4) n-Nitrosodimethylamine	3.22	42	154921	36.619	ng		84
6) Aniline	6.47	93	580457	36.808	ng		99
8) 2-Chlorophenol	6.59	128	387049	39.695	ng		94
9) Benzaldehyde	6.36	77	214925	36.308	ng		96
10) Phenol	6.46	94	480473	39.895	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	370671	38.568	ng		94
12) 1,3-Dichlorobenzene	6.75	146	436462	39.512	ng		99
13) 1,4-Dichlorobenzene	6.82	146	435551	39.555	ng		99
14) 1,2-Dichlorobenzene	6.97	146	405444	39.733	ng		100
15) Benzyl Alcohol	6.95	79	313144	36.323	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	475744	36.860	ng		87
17) 2-Methylphenol	7.06	107	336993	39.760	ng		96
18) Hexachloroethane	7.32	117	159814	40.707	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	255517	34.449	ng		96
20) 3+4-Methylphenols	7.22	107	389732	37.075	ng	#	64
22) Acetophenone	7.22	105	529297	36.574	ng		95
24) Nitrobenzene	7.39	77	420099	42.268	ng		97
25) Isophorone	7.63	82	712422	37.425	ng		99
26) 2-Nitrophenol	7.70	139	218291	53.950	ng		96
27) 2,4-Dimethylphenol	7.75	122	301339	35.868	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	441225	37.909	ng		99
29) 2,4-Dichlorophenol	7.95	162	313645	39.127	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	344509	39.161	ng		99
31) Naphthalene	8.11	128	1129858	38.601	ng		99
32) Benzoic acid	7.88	122	254509	37.968	ng		96
33) 4-Chloroaniline	8.16	127	482794	38.501	ng		98
34) Hexachlorobutadiene	8.22	225	186288	38.660	ng		100
35) Caprolactam	8.55	113	109802	39.266	ng	#	85
36) 4-Chloro-3-methylphenol	8.65	107	337044	39.212	ng		98
37) 2-Methylnaphthalene	8.80	142	717367	37.889	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	312126	40.911	ng		99
40) Hexachlorocyclopentadiene	8.95	237	152866	35.789	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	218639	41.282	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	247968	41.839	ng		96
45) 1,1'-Biphenyl	9.27	154	875109	39.085	ng		99
46) 2-Chloronaphthalene	9.29	162	707669	40.015	ng		99
47) 2-Nitroaniline	9.39	65	217969	49.838	ng		98
48) Acenaphthylene	9.71	152	1071008	38.598	ng		99
49) Dimethylphthalate	9.57	163	826747	39.336	ng		100
50) 2,6-Dinitrotoluene	9.63	165	185054	47.583	ng		97
51) Acenaphthene	9.88	154	618153	36.513	ng		100
52) 3-Nitroaniline	9.80	138	216703	47.596	ng		99
53) 2,4-Dinitrophenol	9.91	184	79886	57.670	ng	#	21
54) Dibenzofuran	10.05	168	890687	37.752	ng		98
55) 4-Nitrophenol	9.97	139	158007	44.180	ng		97
56) 2,4-Dinitrotoluene	10.04	165	231534	45.387	ng		96
57) Fluorene	10.40	166	692501	40.325	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	177324	40.104	ng		95
59) Diethylphthalate	10.27	149	788703	37.679	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	312929	40.917	ng		98
61) 4-Nitroaniline	10.42	138	220179	49.459	ng		96
62) Azobenzene	10.55	77	736400	36.823	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	131356	54.710	ng	#	74
65) n-Nitrosodiphenylamine	10.51	169	642212	38.404	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	203386	39.646	ng		94
67) Hexachlorobenzene	10.94	284	232336	40.249	ng		95
68) Atrazine	11.03	200	199920	39.607	ng		98
69) Pentachlorophenol	11.14	266	134225	37.586	ng		97
70) Phenanthrene	11.36	178	1012652	37.703	ng		99
71) Anthracene	11.41	178	1043932	38.236	ng		100
72) Carbazole	11.57	167	1020113	38.236	ng		100
73) Di-n-butylphthalate	11.89	149	1197296	36.738	ng		99
74) Fluoranthene	12.55	202	1043738	37.194	ng		97
76) Benzidine	12.67	184	482123	37.579	ng		98
77) Pyrene	12.78	202	1082122	39.247	ng		99
79) Butylbenzylphthalate	13.39	149	513778	39.553	ng		98
80) Benzo(a)anthracene	13.97	228	921066	41.448	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	330675	39.909	ng		96
82) Chrysene	14.01	228	892614	39.106	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	689137	41.246	ng		99
84) Di-n-octyl phthalate	14.57	149	1085177	38.871	ng		95
85) Indeno(1,2,3-cd)pyrene	16.89	276	722359	37.254	ng		98
87) Benzo(b)fluoranthene	15.02	252	854332	41.660	ng		97
88) Benzo(k)fluoranthene	15.05	252	748354	38.653	ng		97
89) Benzo(a)pyrene	15.38	252	738750	40.261	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	604304	40.100	ng		98
91) Benzo(g,h,i)perylene	17.33	276	578289	39.608	ng		96

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

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