Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096937.D
Acq On : 21 Jul 2017 11:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 21 23:07:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	113848	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	446952	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	228647	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	394703	20.00	ng		-0.04
75) Chrysene-d12	13.69	240	251712	20.00	ng		-0.04
86) Perylene-d12	15.04	264	212330	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	600716	79.34	ng		-0.05
7) Phenol-d6	6.22	99	726904	80.00	ng		-0.04
23) Nitrobenzene-d5	7.13	82	662430	91.80	ng		-0.04
41) 2,4,6-Tribromophenol	10.37	330	143758	73.66	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	1072956	74.14	ng		-0.04
78) Terphenyl-d14	12.64	244	991455	68.31	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	147260	37.797	ng	#	71
3) Pyridine	2.75	79	381639	46.609	ng	#	64
4) n-Nitrosodimethylamine	2.70	42	215634	47.092	ng		79
6) Aniline	6.22	93	440279	39.337	ng	#	45
8) 2-Chlorophenol	6.35	128	347736	42.570	ng		96
9) Benzaldehyde	6.10	77	200853	38.245	ng		99
10) Phenol	6.23	94	413119	40.219	ng		84
11) bis(2-Chloroethyl)ether	6.30	93	327147	42.353	ng		90
12) 1,3-Dichlorobenzene	6.50	146	359964	41.457	ng		99
13) 1,4-Dichlorobenzene	6.57	146	360555	41.004	ng		96
14) 1,2-Dichlorobenzene	6.73	146	332594	41.586	ng		98
15) Benzyl Alcohol	6.71	79	236459	39.749	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	648812	40.701	ng		97
17) 2-Methylphenol	6.83	107	247301	38.933	ng		95
18) Hexachloroethane	7.07	117	126346	40.522	ng	#	85
19) n-Nitroso-di-n-propylamine	6.99	70	232351	42.445	ng	#	84
20) 3+4-Methylphenols	6.99	107	333824	43.308	ng	#	63
22) Acetophenone	6.97	105	465538	46.603	ng		97
24) Nitrobenzene	7.15	77	343076	45.971	ng		95
25) Isophorone	7.39	82	526612	39.231	ng	#	94
26) 2-Nitrophenol	7.46	139	166133	40.036	ng	#	90
27) 2,4-Dimethylphenol	7.52	122	264809	38.790	ng		97
28) bis(2-Chloroethoxy)methane	7.60	93	351458	38.747	ng		99
29) 2,4-Dichlorophenol	7.71	162	244775	39.611	ng		98
30) 1,2,4-Trichlorobenzene	7.79	180	240057	40.858	ng		98
31) Naphthalene	7.86	128	839153	39.633	ng		100
32) Benzoic acid	7.67	122	187358	42.940	ng		91
33) 4-Chloroaniline	7.92	127	345234	41.154	ng		98
34) Hexachlorobutadiene	7.99	225	127815	40.751	ng		98
35) Caprolactam	8.30	113	79712	40.259	ng	#	62
36) 4-Chloro-3-methylphenol	8.42	107	272885	41.070	ng		89
37) 2-Methylnaphthalene	8.55	142	556375	41.217	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	226340	36.620	ng		100
40) Hexachlorocyclopentadiene	8.71	237	80493	37.452	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	166357	36.488	ng		96
43) 2,4,5-Trichlorophenol	8.88	196	171810	37.365	ng		97
45) 1,1'-Biphenyl	9.02	154	772974	39.418	ng		98
46) 2-Chloronaphthalene	9.04	162	554109	38.374	ng	#	92
47) 2-Nitroaniline	9.14	65	205904	41.484	ng		95
48) Acenaphthylene	9.45	152	860135	37.385	ng		100
49) Dimethylphthalate	9.33	163	695843	40.418	ng		100
50) 2,6-Dinitrotoluene	9.39	165	151216	40.551	ng	#	84
51) Acenaphthene	9.62	154	520979	38.332	ng		99
52) 3-Nitroaniline	9.55	138	190476	43.117	ng		94
53) 2,4-Dinitrophenol	9.66	184	72811	42.852	ng	#	75
54) Dibenzofuran	9.79	168	704666	36.998	ng		98
55) 4-Nitrophenol	9.73	139	113846	35.275	ng	#	66
56) 2,4-Dinitrotoluene	9.79	165	177396	37.020	ng	#	60
57) Fluorene	10.13	166	557681	39.625	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.92	232	126028	39.521	ng	#	99
59) Diethylphthalate	10.02	149	659675	39.360	ng		100
60) 4-Chlorophenyl-phenylether	10.13	204	233711	38.588	ng		99
61) 4-Nitroaniline	10.16	138	188372	45.409	ng		93
62) Azobenzene	10.29	77	592689	40.086	ng		93
64) 4,6-Dinitro-2-methylphenol	10.20	198	109076	44.015	ng		79
65) n-Nitrosodiphenylamine	10.25	169	534965	37.916	ng		97
66) 4-Bromophenyl-phenylether	10.62	248	158397	39.307	ng		97
67) Hexachlorobenzene	10.69	284	171842	38.287	ng	#	91
68) Atrazine	10.79	200	157494	39.181	ng		94
69) Pentachlorophenol	10.88	266	74177	34.211	ng		98
70) Phenanthrene	11.09	178	821467	38.277	ng		99
71) Anthracene	11.14	178	844137	38.902	ng		99
72) Carbazole	11.30	167	824759	39.250	ng		99
73) Di-n-butylphthalate	11.64	149	1003524	38.347	ng		99
74) Fluoranthene	12.27	202	791715	38.541	ng		99
76) Benzidine	12.39	184	385112	46.702	ng	#	94
77) Pyrene	12.49	202	825915	36.154	ng		99
79) Butylbenzylphthalate	13.12	149	414698	38.207	ng	#	78
80) Benzo(a)anthracene	13.68	228	650374	41.468	ng		98
81) 3,3'-Dichlorobenzidine	13.64	252	249484	44.236	ng	#	97
82) Chrysene	13.72	228	651884	42.221	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	527530	39.909	ng		99
84) Di-n-octyl phthalate	14.30	149	849086	38.860	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.32	276	466682	33.368	ng		100
87) Benzo(b)fluoranthene	14.68	252	516561	40.338	ng		99
88) Benzo(k)fluoranthene	14.71	252	478174	39.432	ng	#	93
89) Benzo(a)pyrene	15.00	252	464003	39.505	ng		99
90) Dibenzo(a,h)anthracene	16.33	278	379315	35.097	ng		99
91) Benzo(g,h,i)perylene	16.69	276	401090	34.657	ng		94

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

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