Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105073.D
Acq On : 3 May 2018 15:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 04 01:15:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	97113	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	404415	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	189837	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	345329	20.00	ng		0.00
75) Chrysene-d12	14.04	240	248832	20.00	ng		0.01
86) Perylene-d12	15.62	264	206129	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	547095	86.14	ng		0.00
7) Phenol-d6	6.44	99	630730	80.83	ng		0.00
23) Nitrobenzene-d5	7.36	82	581468	93.89	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	178731	90.76	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1063731	88.52	ng		-0.01
78) Terphenyl-d14	12.92	244	1016290	93.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	108467	36.652	ng	#	85
3) Pyridine	3.23	79	284528	34.196	ng		87
4) n-Nitrosodimethylamine	3.20	42	91872	31.587	ng		80
6) Aniline	6.45	93	401847	37.065	ng	#	55
8) 2-Chlorophenol	6.57	128	292116	43.577	ng		95
9) Benzaldehyde	6.34	77	143701	34.903	ng		93
10) Phenol	6.46	94	346782	41.883	ng	#	48
11) bis(2-Chloroethyl)ether	6.52	93	278184	42.102	ng		93
12) 1,3-Dichlorobenzene	6.72	146	331814	43.693	ng		99
13) 1,4-Dichlorobenzene	6.80	146	337623	44.599	ng		99
14) 1,2-Dichlorobenzene	6.95	146	308451	43.968	ng		99
15) Benzyl Alcohol	6.94	79	223554	37.718	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	307666	34.673	ng	#	1
17) 2-Methylphenol	7.06	107	243902	41.857	ng	#	88
18) Hexachloroethane	7.29	117	121709	45.092	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	199329	39.090	ng		90
20) 3+4-Methylphenols	7.21	107	335345	46.403	ng	#	87
22) Acetophenone	7.20	105	430606	43.249	ng		95
24) Nitrobenzene	7.37	77	302927	44.301	ng		96
25) Isophorone	7.61	82	529660	40.442	ng		99
26) 2-Nitrophenol	7.69	139	169402	60.854	ng		90
27) 2,4-Dimethylphenol	7.73	122	229301	39.671	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	333645	41.667	ng		99
29) 2,4-Dichlorophenol	7.94	162	249222	45.190	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	276520	45.687	ng		98
31) Naphthalene	8.09	128	878192	43.609	ng		99
32) Benzoic acid	7.90	122	229039	49.664	ng		94
33) 4-Chloroaniline	8.15	127	376611	43.653	ng		96
34) Hexachlorobutadiene	8.20	225	157393	47.476	ng		97
35) Caprolactam	8.54	113	78060	40.574	ng	#	73
36) 4-Chloro-3-methylphenol	8.65	107	257552	43.553	ng		98
37) 2-Methylnaphthalene	8.78	142	564217	43.315	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	258833	47.630	ng		99
40) Hexachlorocyclopentadiene	8.93	237	128299	42.172	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	168616	44.698	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	190460	45.118	ng		93
45) 1,1'-Biphenyl	9.25	154	699485	43.861	ng		99
46) 2-Chloronaphthalene	9.27	162	563172	44.708	ng		99
47) 2-Nitroaniline	9.39	65	158729	50.954	ng		91
48) Acenaphthylene	9.69	152	819561	41.468	ng		99
49) Dimethylphthalate	9.55	163	650993	43.486	ng		100
50) 2,6-Dinitrotoluene	9.62	165	142733	51.527	ng		99
51) Acenaphthene	9.86	154	493230	40.903	ng		99
52) 3-Nitroaniline	9.80	138	163610	50.452	ng		93
53) 2,4-Dinitrophenol	9.91	184	62628	61.643	ng	#	22
54) Dibenzofuran	10.03	168	676187	40.238	ng		98
55) 4-Nitrophenol	9.99	139	96856	38.021	ng		96
56) 2,4-Dinitrotoluene	10.03	165	172822	47.563	ng		94
57) Fluorene	10.37	166	572584	46.811	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	135075	42.890	ng		95
59) Diethylphthalate	10.25	149	631690	42.369	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	267325	49.074	ng		98
61) 4-Nitroaniline	10.42	138	157009	49.517	ng		97
62) Azobenzene	10.53	77	551789	38.738	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	104511	59.977	ng	#	78
65) n-Nitrosodiphenylamine	10.49	169	503888	42.084	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	163497	44.511	ng		91
67) Hexachlorobenzene	10.92	284	186855	45.209	ng		95
68) Atrazine	11.02	200	139424	38.577	ng		99
69) Pentachlorophenol	11.13	266	99515	38.919	ng		95
70) Phenanthrene	11.35	178	804641	41.841	ng		98
71) Anthracene	11.40	178	826808	42.295	ng		99
72) Carbazole	11.56	167	793718	41.550	ng		99
73) Di-n-butylphthalate	11.87	149	980516	42.020	ng		99
74) Fluoranthene	12.54	202	832360	41.426	ng		97
76) Benzidine	12.67	184	292327	32.876	ng		98
77) Pyrene	12.77	202	837038	45.382	ng		99
79) Butylbenzylphthalate	13.40	149	401837	46.245	ng		100
80) Benzo(a)anthracene	14.03	228	686153	46.157	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	236170	42.610	ng		98
82) Chrysene	14.07	228	667511	43.716	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	543353	48.615	ng		99
84) Di-n-octyl phthalate	14.70	149	779322	41.730	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.12	276	542037	41.789	ng		95
87) Benzo(b)fluoranthene	15.19	252	568933	43.701	ng		100
88) Benzo(k)fluoranthene	15.22	252	551445	44.866	ng		98
89) Benzo(a)pyrene	15.56	252	510041	43.786	ng		98
90) Dibenzo(a,h)anthracene	17.13	278	450843	47.125	ng	#	94
91) Benzo(g,h,i)perylene	17.57	276	440630	47.539	ng		95

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

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