Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100344.D
Acq On : 9 Nov 2017 16:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/10/2017 1:15:02 PM

Quant Time: Nov 10 00:34:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	174418	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	722953	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	344210	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	656255	20.00	ng		0.00
75) Chrysene-d12	14.07	240	518334	20.00	ng		0.00
86) Perylene-d12	15.56	264	492657	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	861591	79.18	ng		0.00
7) Phenol-d6	6.53	99	1077679	80.32	ng		0.00
23) Nitrobenzene-d5	7.47	82	995890	91.07	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	305653	87.14	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1751549	77.48	ng		0.00
78) Terphenyl-d14	13.02	244	1734806	76.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	208133	39.251	ng		95
3) Pyridine	3.48	79	568475	39.295	ng		93
4) n-Nitrosodimethylamine	3.44	42	277789	39.550	ng		98
6) Aniline	6.57	93	762392	40.220	ng		100
8) 2-Chlorophenol	6.69	128	466088	40.491	ng		96
9) Benzaldehyde	6.46	77	381710	39.836	ng		99
10) Phenol	6.54	94	556769m	39.528	ng		
11) bis(2-Chloroethyl)ether	6.64	93	484828	40.979	ng		95
12) 1,3-Dichlorobenzene	6.85	146	525143	39.570	ng		99
13) 1,4-Dichlorobenzene	6.92	146	534975	39.828	ng		98
14) 1,2-Dichlorobenzene	7.07	146	492001	39.617	ng		99
15) Benzyl Alcohol	7.05	79	432974	41.347	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	773348	40.869	ng		97
17) 2-Methylphenol	7.15	107	402661	40.934	ng		100
18) Hexachloroethane	7.42	117	184414	41.640	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	367454	39.490	ng		95
20) 3+4-Methylphenols	7.30	107	495354	39.795	ng		91
22) Acetophenone	7.32	105	672280	38.135	ng	#	97
24) Nitrobenzene	7.49	77	514416	45.706	ng		99
25) Isophorone	7.73	82	930565	40.496	ng		100
26) 2-Nitrophenol	7.80	139	259911	49.113	ng		95
27) 2,4-Dimethylphenol	7.83	122	419633	40.737	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	610630	40.625	ng		98
29) 2,4-Dichlorophenol	8.04	162	406401	41.327	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	423523	39.815	ng		96
31) Naphthalene	8.21	128	1370108	39.347	ng		99
32) Benzoic acid	7.96	122	391781m	49.341	ng		
33) 4-Chloroaniline	8.26	127	592677	40.890	ng		99
34) Hexachlorobutadiene	8.32	225	255549	40.405	ng		97
35) Caprolactam	8.64	113	136250	40.373	ng		92
36) 4-Chloro-3-methylphenol	8.73	107	432663	40.966	ng		96
37) 2-Methylnaphthalene	8.90	142	915260	39.591	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	461014	40.384	ng		97
40) Hexachlorocyclopentadiene	9.05	237	257228	47.876	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	309527	42.781	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	332343	44.335	ng		97
45) 1,1'-Biphenyl	9.36	154	1194406	40.120	ng		100
46) 2-Chloronaphthalene	9.39	162	873145	40.428	ng		97
47) 2-Nitroaniline	9.49	65	297557	46.706	ng		99
48) Acenaphthylene	9.81	152	1421374	39.712	ng		100
49) Dimethylphthalate	9.66	163	1059140	40.301	ng		99
50) 2,6-Dinitrotoluene	9.73	165	236304	45.424	ng		95
51) Acenaphthene	9.98	154	888077	40.797	ng		99
52) 3-Nitroaniline	9.90	138	268962	43.784	ng		96
53) 2,4-Dinitrophenol	10.00	184	115560	58.853	ng	#	14
54) Dibenzofuran	10.15	168	1217231	39.897	ng		99
55) 4-Nitrophenol	10.05	139	225941	45.297	ng		94
56) 2,4-Dinitrotoluene	10.13	165	308769	47.049	ng		97
57) Fluorene	10.49	166	905098	40.496	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	262025	42.650	ng	#	87
59) Diethylphthalate	10.36	149	1052696	40.027	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	454370	41.441	ng		95
61) 4-Nitroaniline	10.51	138	264187	45.355	ng		95
62) Azobenzene	10.65	77	990367	39.982	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	178249	52.760	ng		76
65) n-Nitrosodiphenylamine	10.60	169	914876	40.093	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	292801	41.621	ng	#	88
67) Hexachlorobenzene	11.04	284	305041	41.459	ng	#	91
68) Atrazine	11.13	200	290108	42.000	ng		97
69) Pentachlorophenol	11.23	266	233921	44.338	ng		99
70) Phenanthrene	11.46	178	1356583	39.261	ng		99
71) Anthracene	11.51	178	1376400	39.263	ng		99
72) Carbazole	11.66	167	1279677	39.562	ng		99
73) Di-n-butylphthalate	11.99	149	1592743	42.078	ng		100
74) Fluoranthene	12.64	202	1436553	39.229	ng		99
76) Benzidine	12.76	184	792357	38.171	ng		99
77) Pyrene	12.87	202	1472018	39.839	ng		100
79) Butylbenzylphthalate	13.49	149	675241	44.812	ng		97
80) Benzo(a)anthracene	14.06	228	1279604	40.995	ng		98
81) 3,3'-Dichlorobenzidine	14.03	252	481574	43.061	ng	#	96
82) Chrysene	14.10	228	1195135	39.539	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	915846	46.212	ng		98
84) Di-n-octyl phthalate	14.66	149	1529227	44.916	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	984926	40.286	ng		96
87) Benzo(b)fluoranthene	15.12	252	1152606	39.490	ng		99
88) Benzo(k)fluoranthene	15.15	252	1124941	40.791	ng		97
89) Benzo(a)pyrene	15.50	252	1043180	40.315	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	842972	39.836	ng		98
91) Benzo(g,h,i)perylene	17.52	276	796923	38.472	ng		95

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

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