Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101816.D
Acq On : 29 Dec 2017 9:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/2/2018 1:04:48 PM

Quant Time: Jan 02 08:40:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	141267	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	566836	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	257764	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	501475	20.00	ng		0.00
75) Chrysene-d12	13.97	240	401872	20.00	ng		0.00
86) Perylene-d12	15.44	264	374158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	779422	82.19	ng		0.00
7) Phenol-d6	6.43	99	868758	73.61	ng		0.00
23) Nitrobenzene-d5	7.36	82	777163	76.32	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	214994	86.56	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1271120	76.50	ng		0.00
78) Terphenyl-d14	12.90	244	1246641	74.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	181749m	37.297	ng		
3) Pyridine	3.23	79	467522	34.531	ng		96
4) n-Nitrosodimethylamine	3.20	42	206109	33.063	ng		95
6) Aniline	6.46	93	586332	35.747	ng	#	84
8) 2-Chlorophenol	6.57	128	386472	38.739	ng		97
9) Benzaldehyde	6.35	77	285559	32.760	ng		99
10) Phenol	6.45	94	479859	35.671	ng	#	36
11) bis(2-Chloroethyl)ether	6.52	93	390647	37.021	ng		93
12) 1,3-Dichlorobenzene	6.72	146	437312	38.840	ng		98
13) 1,4-Dichlorobenzene	6.80	146	446773	38.857	ng		99
14) 1,2-Dichlorobenzene	6.95	146	397800	38.437	ng		98
15) Benzyl Alcohol	6.94	79	299240	36.835	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	590650	36.574	ng	#	33
17) 2-Methylphenol	7.05	107	336521	36.671	ng	#	89
18) Hexachloroethane	7.29	117	150526	37.655	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	281485	36.315	ng		95
20) 3+4-Methylphenols	7.21	107	422926	43.491	ng	#	68
22) Acetophenone	7.20	105	507203	39.215	ng	#	92
24) Nitrobenzene	7.38	77	429283	38.091	ng		99
25) Isophorone	7.61	82	730700	35.770	ng		98
26) 2-Nitrophenol	7.69	139	216742	44.765	ng		97
27) 2,4-Dimethylphenol	7.73	122	314975	38.293	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	481660	37.119	ng		98
29) 2,4-Dichlorophenol	7.95	162	336631	41.425	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	328366	38.290	ng		96
31) Naphthalene	8.09	128	1077316	37.752	ng		99
32) Benzoic acid	7.90	122	247223	45.169	ng		99
33) 4-Chloroaniline	8.15	127	480899	38.773	ng		98
34) Hexachlorobutadiene	8.19	225	194922	39.299	ng		98
35) Caprolactam	8.54	113	110355m	39.109	ng		
36) 4-Chloro-3-methylphenol	8.65	107	349172	39.093	ng		98
37) 2-Methylnaphthalene	8.78	142	695539	37.410	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	344958	39.638	ng		97
40) Hexachlorocyclopentadiene	8.92	237	32277m	32.343	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	216042	41.235	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	211088	36.796	ng		95
45) 1,1'-Biphenyl	9.25	154	865861	37.877	ng		99
46) 2-Chloronaphthalene	9.27	162	656507	37.533	ng		98
47) 2-Nitroaniline	9.39	65	241097	39.901	ng		98
48) Acenaphthylene	9.69	152	1030932	37.316	ng		100
49) Dimethylphthalate	9.55	163	755056	36.417	ng		98
50) 2,6-Dinitrotoluene	9.63	165	166301	39.464	ng	#	88
51) Acenaphthene	9.86	154	623137	37.542	ng		99
52) 3-Nitroaniline	9.80	138	218819	41.650	ng		94
53) 2,4-Dinitrophenol	9.94	184	73248	53.789	ng	#	20
54) Dibenzofuran	10.03	168	871797	41.330	ng		99
55) 4-Nitrophenol	9.99	139	84999	37.103	ng		95
56) 2,4-Dinitrotoluene	10.05	165	232158	48.899	ng		93
57) Fluorene	10.37	166	727205	40.753	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	173545	42.106	ng	#	86
59) Diethylphthalate	10.24	149	778904	37.936	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	355584	41.579	ng		89
61) 4-Nitroaniline	10.43	138	214787	40.673	ng		92
62) Azobenzene	10.52	77	771372	36.267	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	117176	45.789	ng		86
65) n-Nitrosodiphenylamine	10.49	169	685510	37.021	ng		96
66) 4-Bromophenyl-phenylether	10.85	248	221286	39.272	ng	#	87
67) Hexachlorobenzene	10.93	284	228239	38.272	ng		91
68) Atrazine	11.02	200	210020	38.039	ng		97
69) Pentachlorophenol	11.14	266	78730m	37.723	ng		
70) Phenanthrene	11.34	178	1037810	37.214	ng		99
71) Anthracene	11.39	178	1080085	37.916	ng		100
72) Carbazole	11.56	167	1028951	38.580	ng		99
73) Di-n-butylphthalate	11.86	149	1240619	38.325	ng		99
74) Fluoranthene	12.53	202	1135806	38.802	ng		99
76) Benzidine	12.66	184	804199	47.381	ng		99
77) Pyrene	12.77	202	1170880	38.822	ng		99
79) Butylbenzylphthalate	13.36	149	535341	39.228	ng		98
80) Benzo(a)anthracene	13.96	228	1003428	37.814	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	328277	37.940	ng		99
82) Chrysene	14.00	228	947793	37.828	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	616489	35.665	ng		99
84) Di-n-octyl phthalate	14.53	149	1143309	37.088	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	766444	34.352	ng		96
87) Benzo(b)fluoranthene	15.02	252	899883	39.459	ng		98
88) Benzo(k)fluoranthene	15.04	252	796651	35.928	ng		99
89) Benzo(a)pyrene	15.38	252	777082	36.962	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	651423	36.089	ng		98
91) Benzo(g,h,i)perylene	17.37	276	657073	36.762	ng		96

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

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