Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011190.D
Acq On : 10 Aug 2017 00:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2017 6:11:52 PM

Quant Time: Aug 10 03:33:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	174341	20.00	ng		-0.09
21) Naphthalene-d8	10.05	136	684067	20.00	ng		-0.10
38) Acenaphthene-d10	13.96	164	477996	20.00	ng		-0.09
63) Phenanthrene-d10	16.72	188	1253143	20.00	ng		-0.09
75) Chrysene-d12	20.94	240	1558555	20.00	ng		-0.08
86) Perylene-d12	23.02	264	1385803	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	816131	79.13	ng		-0.09
7) Phenol-d6	6.50	99	1145274	78.16	ng		-0.09
23) Nitrobenzene-d5	8.45	82	1587404	87.09	ng		-0.09
41) 2,4,6-Tribromophenol	15.47	330	594546	77.60	ng		-0.09
44) 2-Fluorobiphenyl	12.57	172	2922190	76.67	ng		-0.09
78) Terphenyl-d14	19.39	244	5819185	73.96	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	196141	42.357	ng	#	100
3) Pyridine	3.30	79	542026	42.853	ng	#	85
4) n-Nitrosodimethylamine	3.23	42	278613	43.225	ng	#	78
6) Aniline	6.65	93	732225	39.648	ng	#	84
8) 2-Chlorophenol	6.87	128	390129	37.259	ng	#	73
9) Benzaldehyde	6.46	77	351226	37.045	ng	#	78
10) Phenol	6.52	94	622928	39.139	ng		97
11) bis(2-Chloroethyl)ether	6.75	93	493973	39.833	ng		90
12) 1,3-Dichlorobenzene	7.19	146	492771	38.616	ng	#	79
13) 1,4-Dichlorobenzene	7.33	146	490093	37.468	ng	#	88
14) 1,2-Dichlorobenzene	7.64	146	465519	37.223	ng	#	87
15) Benzyl Alcohol	7.55	79	573220	40.778	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.84	45	487922	43.723	ng		78
17) 2-Methylphenol	7.75	107	386796	38.025	ng	#	70
18) Hexachloroethane	8.35	117	230839	40.468	ng	#	83
19) n-Nitroso-di-n-propylamine	8.11	70	535760	43.025	ng	#	91
20) 3+4-Methylphenols	8.07	107	521759	36.900	ng	#	81
22) Acetophenone	8.12	105	790737	38.562	ng	#	91
24) Nitrobenzene	8.49	77	803594	42.548	ng	#	84
25) Isophorone	9.01	82	1293511	42.565	ng	#	85
26) 2-Nitrophenol	9.19	139	229587	38.204	ng	#	8
27) 2,4-Dimethylphenol	9.26	122	399359	37.750	ng	#	66
28) bis(2-Chloroethoxy)methane	9.50	93	677717	39.985	ng	#	97
29) 2,4-Dichlorophenol	9.72	162	454272	38.213	ng		93
30) 1,2,4-Trichlorobenzene	9.92	180	571703	38.895	ng		98
31) Naphthalene	10.10	128	1303347	37.874	ng		100
32) Benzoic acid	9.42	122	296082	34.819	ng	#	54
33) 4-Chloroaniline	10.23	127	467817	34.077	ng	#	68
34) Hexachlorobutadiene	10.39	225	472589	40.821	ng		97
35) Caprolactam	11.02	113	128826	38.213	ng	#	85
36) 4-Chloro-3-methylphenol	11.36	107	605859	39.469	ng	#	70
37) 2-Methylnaphthalene	11.73	142	940788	37.214	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	799676	38.940	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	436527	36.480	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	485378	39.049	ng		99
43) 2,4,5-Trichlorophenol	12.44	196	465097	36.330	ng	#	85
45) 1,1'-Biphenyl	12.78	154	1568747	37.955	ng		95
46) 2-Chloronaphthalene	12.82	162	1150645	37.785	ng	#	93
47) 2-Nitroaniline	13.04	65	468408	43.478	ng	#	60
48) Acenaphthylene	13.67	152	1740810	38.304	ng		99
49) Dimethylphthalate	13.44	163	1513834	37.022	ng	#	97
50) 2,6-Dinitrotoluene	13.56	165	317887	38.444	ng	#	45
51) Acenaphthene	14.03	154	1066776	37.910	ng		99
52) 3-Nitroaniline	13.89	138	252507	35.190	ng	#	27
53) 2,4-Dinitrophenol	14.10	184	189891	32.313	ng	#	84
54) Dibenzofuran	14.37	168	1744325	38.257	ng		91
55) 4-Nitrophenol	14.22	139	165634	26.273	ng	#	78
56) 2,4-Dinitrotoluene	14.35	165	454770	39.176	ng	#	79
57) Fluorene	15.02	166	1529477	38.528	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	474329	39.529	ng	#	100
59) Diethylphthalate	14.83	149	1615517	38.685	ng		99
60) 4-Chlorophenyl-phenylether	15.03	204	928209	38.727	ng		96
61) 4-Nitroaniline	15.06	138	197437	25.905	ng	#	1
62) Azobenzene	15.32	77	2002787	44.811	ng		85
64) 4,6-Dinitro-2-methylphenol	15.12	198	314145	37.030	ng		92
65) n-Nitrosodiphenylamine	15.25	169	1323190	36.896	ng		98
66) 4-Bromophenyl-phenylether	15.93	248	599264	37.199	ng	#	89
67) Hexachlorobenzene	16.03	284	675365	37.100	ng	#	86
68) Atrazine	16.22	200	527421	36.698	ng		95
69) Pentachlorophenol	16.38	266	441409	38.194	ng		97
70) Phenanthrene	16.76	178	2511340	38.273	ng		99
71) Anthracene	16.85	178	2482601	37.937	ng		99
72) Carbazole	17.14	167	2128241	37.187	ng		98
73) Di-n-butylphthalate	17.72	149	2755195	39.533	ng	#	96
74) Fluoranthene	18.80	202	3326146	40.904	ng		98
76) Benzidine	19.02	184	489827	13.137	ng		98
77) Pyrene	19.16	202	3379762	36.496	ng		100
79) Butylbenzylphthalate	20.11	149	1288666	39.132	ng	#	64
80) Benzo(a)anthracene	20.93	228	3339914	37.530	ng		98
81) 3,3'-Dichlorobenzidine	20.88	252	1245680	35.681	ng	#	97
82) Chrysene	20.99	228	3243038	37.964	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	1859936	38.392	ng	#	96
84) Di-n-octyl phthalate	21.74	149	3087215	39.264	ng		96
85) Indeno(1,2,3-cd)pyrene	25.05	276	3396449	38.391	ng	#	95
87) Benzo(b)fluoranthene	22.41	252	3241655	36.446	ng	#	91
88) Benzo(k)fluoranthene	22.46	252	3254485	38.177	ng	#	94
89) Benzo(a)pyrene	22.93	252	3094815	38.454	ng	#	97
90) Dibenzo(a,h)anthracene	25.06	278	2700952	36.201	ng	#	91
91) Benzo(g,h,i)perylene	25.66	276	2818488m	38.471	ng		

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

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