Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090717\
Data File : BM011455.D
Acq On : 07 Sep 2017 15:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/8/2017 3:38:19 PM

Quant Time: Sep 08 12:18:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	472973	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	2209713	20.00	ng		-0.02
38) Acenaphthene-d10	14.61	164	1283546	20.00	ng		-0.02
63) Phenanthrene-d10	17.35	188	2860001	20.00	ng		-0.01
75) Chrysene-d12	21.52	240	3327277	20.00	ng		-0.02
86) Perylene-d12	23.89	264	3029208	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2173245	77.34	ng		-0.01
7) Phenol-d6	7.13	99	3182673	81.69	ng		0.00
23) Nitrobenzene-d5	9.15	82	2939835	87.67	ng		-0.01
41) 2,4,6-Tribromophenol	16.10	330	1148163	77.32	ng		-0.01
44) 2-Fluorobiphenyl	13.23	172	7313934	82.14	ng		-0.02
78) Terphenyl-d14	19.96	244	10659867	79.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	456393	38.971	ng	#	100
3) Pyridine	3.83	79	1345453	37.516	ng	#	81
4) n-Nitrosodimethylamine	3.75	42	769301	42.011	ng	#	69
6) Aniline	7.30	93	1957509	36.993	ng		94
8) 2-Chlorophenol	7.54	128	1301659	39.295	ng		89
9) Benzaldehyde	7.12	77	767785	33.901	ng		98
10) Phenol	7.16	94	1709002	39.899	ng	#	76
11) bis(2-Chloroethyl)ether	7.40	93	1386319	40.495	ng		83
12) 1,3-Dichlorobenzene	7.87	146	1465137	38.842	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1493736	38.939	ng		98
14) 1,2-Dichlorobenzene	8.33	146	1456433	39.226	ng		98
15) Benzyl Alcohol	8.22	79	965720	34.282	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2336838	40.819	ng		93
17) 2-Methylphenol	8.41	107	1101289	40.154	ng		96
18) Hexachloroethane	9.06	117	514003	39.141	ng		96
19) n-Nitroso-di-n-propylamine	8.79	70	1173523	41.021	ng	#	86
20) 3+4-Methylphenols	8.74	107	1515029	39.813	ng		97
22) Acetophenone	8.80	105	2118882	38.589	ng	#	91
24) Nitrobenzene	9.19	77	1571904	42.542	ng		94
25) Isophorone	9.71	82	2829690	37.662	ng		93
26) 2-Nitrophenol	9.90	139	643408	41.087	ng	#	80
27) 2,4-Dimethylphenol	9.95	122	1319797	37.673	ng		95
28) bis(2-Chloroethoxy)methane	10.19	93	1994043	38.892	ng		99
29) 2,4-Dichlorophenol	10.43	162	1276133	38.934	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	1378506	37.992	ng		98
31) Naphthalene	10.84	128	4610189	38.642	ng		100
32) Benzoic acid	10.09	122	915485	39.794	ng		99
33) 4-Chloroaniline	10.95	127	1816270m	34.800	ng		
34) Hexachlorobutadiene	11.12	225	774787	37.476	ng		96
35) Caprolactam	11.74	113	424162	35.933	ng	#	64
36) 4-Chloro-3-methylphenol	12.06	107	1492254	38.762	ng		91
37) 2-Methylnaphthalene	12.44	142	3236864	38.980	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	1509195	39.072	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	708505	40.013	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	1012890	39.614	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	1027175	39.556	ng	#	91
45) 1,1'-Biphenyl	13.45	154	4480186	39.317	ng		96
46) 2-Chloronaphthalene	13.49	162	3285643	38.815	ng		95
47) 2-Nitroaniline	13.69	65	1142240	43.149	ng		81
48) Acenaphthylene	14.33	152	5126705	38.870	ng		100
49) Dimethylphthalate	14.06	163	3840121	37.652	ng		99
50) 2,6-Dinitrotoluene	14.18	165	774885	40.126	ng	#	86
51) Acenaphthene	14.67	154	3288925	38.402	ng		99
52) 3-Nitroaniline	14.52	138	986745	39.338	ng		82
53) 2,4-Dinitrophenol	14.72	184	380259	53.658	ng		94
54) Dibenzofuran	15.01	168	4592791	38.891	ng		96
55) 4-Nitrophenol	14.81	139	733180	37.559	ng	#	49
56) 2,4-Dinitrotoluene	14.97	165	1050463	39.529	ng		83
57) Fluorene	15.66	166	4203230	40.825	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	845289	40.228	ng	#	100
59) Diethylphthalate	15.42	149	3929221	37.392	ng		98
60) 4-Chlorophenyl-phenylether	15.64	204	1954387	40.696	ng		95
61) 4-Nitroaniline	15.67	138	1025411	39.325	ng		84
62) Azobenzene	15.94	77	3843607	40.585	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	553343	49.135	ng		88
65) n-Nitrosodiphenylamine	15.86	169	3527142	39.138	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1145446	38.076	ng	#	90
67) Hexachlorobenzene	16.65	284	1309073	37.080	ng	#	86
68) Atrazine	16.80	200	909596	34.438	ng		97
69) Pentachlorophenol	16.99	266	794397	40.988	ng		98
70) Phenanthrene	17.39	178	6374908	40.025	ng		98
71) Anthracene	17.49	178	6413005	40.041	ng		98
72) Carbazole	17.75	167	6041810	39.145	ng		99
73) Di-n-butylphthalate	18.30	149	7102132	39.607	ng		100
74) Fluoranthene	19.40	202	7443618	40.958	ng		94
76) Benzidine	19.58	184	1806114	27.503	ng		99
77) Pyrene	19.76	202	7866211	38.581	ng		97
79) Butylbenzylphthalate	20.64	149	3315252	36.806	ng		92
80) Benzo(a)anthracene	21.50	228	7370593	39.607	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2721653	38.522	ng		100
82) Chrysene	21.55	228	6849731	39.052	ng		97
83) Bis(2-ethylhexyl)phthalate	21.41	149	5149796	38.998	ng	#	99
84) Di-n-octyl phthalate	22.33	149	8891827	39.944	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.34	276	6860141	41.928	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7209065	38.763	ng		99
88) Benzo(k)fluoranthene	23.22	252	7132823	40.002	ng		98
89) Benzo(a)pyrene	23.79	252	6619109	39.461	ng	#	97
90) Dibenzo(a,h)anthracene	26.35	278	5884613	40.992	ng		99
91) Benzo(g,h,i)perylene	27.09	276	5598956	40.357	ng		98

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

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