Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018892.D
Acq On : 21 Feb 2019 12:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/22/2019 4:09:41 PM

Quant Time: Feb 22 12:58:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	354178	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1523976	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	885488	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1979796	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	2004526	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1732366	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1788895	82.76	ng		-0.02
7) Phenol-d6	6.87	99	2666630	87.57	ng		-0.01
23) Nitrobenzene-d5	8.87	82	2821289	85.60	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	1114943	87.35	ng		-0.01
45) 2-Fluorobiphenyl	12.96	172	5566037	83.44	ng		-0.02
79) Terphenyl-d14	19.74	244	9119788	93.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	357094	37.929	ng		98
3) Pyridine	3.65	79	1114780	43.409	ng		99
4) n-Nitrosodimethylamine	3.56	42	299693	45.872	ng		92
6) Aniline	7.05	93	1605931	43.041	ng		100
8) 2-Chlorophenol	7.26	128	1022840	43.098	ng		98
9) Benzaldehyde	6.86	77	739233	46.289	ng		99
10) Phenol	6.90	94	1388902	43.347	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	1053704	43.110	ng		100
12) 1,3-Dichlorobenzene	7.59	146	1111780	41.661	ng		98
13) 1,4-Dichlorobenzene	7.73	146	1138766	41.916	ng		99
14) 1,2-Dichlorobenzene	8.05	146	1100569	42.173	ng		99
15) Benzyl Alcohol	7.95	79	1083272	44.769	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1032049	43.627	ng		98
17) 2-Methylphenol	8.14	107	888355	43.561	ng		99
18) Hexachloroethane	8.76	117	417983	42.146	ng		99
19) n-Nitroso-di-n-propylamine	8.51	70	1043253	44.246	ng		99
20) 3+4-Methylphenols	8.47	107	1247650	44.305	ng		100
22) Acetophenone	8.53	105	1757009	41.982	ng	#	98
24) Nitrobenzene	8.91	77	1442913	42.176	ng		100
25) Isophorone	9.43	82	2242426	42.640	ng		100
26) 2-Nitrophenol	9.61	139	603266	44.279	ng		99
27) 2,4-Dimethylphenol	9.67	122	845146	42.472	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	1426167	41.937	ng		100
29) 2,4-Dichlorophenol	10.14	162	997627	43.662	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	1093357	41.435	ng		99
31) Naphthalene	10.54	128	3087638	41.542	ng		99
32) Benzoic acid	9.85	122	620732	35.760	ng		97
33) 4-Chloroaniline	10.66	127	1418413	42.692	ng		99
34) Hexachlorobutadiene	10.80	225	617045	40.287	ng		100
35) Caprolactam	11.49	113	394641m	42.321	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1192766	43.298	ng		99
37) 2-Methylnaphthalene	12.15	142	2196492	41.974	ng		99
38) 1-Methylnaphthalene	12.37	142	2132798	41.679	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1171106	41.344	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	506225	34.955	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	812829	43.347	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	843562	42.920	ng	98
46) 1,1'-Biphenyl	13.18	154	3197077	41.945	ng	100
47) 2-Chloronaphthalene	13.22	162	2497651	42.425	ng	99
48) 2-Nitroaniline	13.44	65	888418	45.437	ng	100
49) Acenaphthylene	14.07	152	3704076	42.254	ng	99
50) Dimethylphthalate	13.82	163	3041851	41.220	ng	100
51) 2,6-Dinitrotoluene	13.94	165	684734	42.834	ng	97
52) Acenaphthene	14.42	154	2252627	41.908	ng	100
53) 3-Nitroaniline	14.28	138	747853	41.404	ng	97
54) 2,4-Dinitrophenol	14.49	184	290403	32.329	ng	96
55) Dibenzofuran	14.75	168	3701378	41.895	ng	99
56) 4-Nitrophenol	14.59	139	605922	42.023	ng	98
57) 2,4-Dinitrotoluene	14.73	165	967961	43.947	ng	98
58) Fluorene	15.40	166	2859239	42.303	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	722862	41.609	ng	99
60) Diethylphthalate	15.18	149	3144152	41.303	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1572253	41.488	ng	98
62) 4-Nitroaniline	15.45	138	697450	39.387	ng	99
63) Azobenzene	15.69	77	3533081	43.286	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	498970	35.896	ng	96
66) n-Nitrosodiphenylamine	15.62	169	2689511	42.998	ng	99
67) 4-Bromophenyl-phenylether	16.29	248	940003	42.418	ng	96
68) Hexachlorobenzene	16.40	284	1087698	42.227	ng	98
69) Atrazine	16.57	200	754061	37.394	ng	100
70) Pentachlorophenol	16.75	266	704847	42.499	ng	99
71) Phenanthrene	17.14	178	4484693	42.150	ng	99
72) Anthracene	17.23	178	4450371	42.974	ng	99
73) Carbazole	17.52	167	4527122	41.842	ng	99
74) Di-n-butylphthalate	18.07	149	5454339	43.834	ng	100
75) Fluoranthene	19.17	202	5166122	42.034	ng	100
77) Benzidine	19.37	184	1533343	33.965	ng	99
78) Pyrene	19.53	202	5367877	46.108	ng	99
80) Butylbenzylphthalate	20.43	149	2604862	49.095	ng	97
81) Benzo(a)anthracene	21.29	228	4990352	42.708	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1894676	41.028	ng	99
83) Chrysene	21.34	228	4743204	42.351	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3806495	49.018	ng	100
85) Di-n-octyl phthalate	22.09	149	6332852	48.521	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4299620	33.252	ng	100
88) Benzo(b)fluoranthene	22.87	252	4371903	44.109	ng	99
89) Benzo(k)fluoranthene	22.91	252	4485735	45.459	ng	99
90) Benzo(a)pyrene	23.46	252	4021033	42.825	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3710589	39.888	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3384273	39.078	ng	100

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

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