Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015267.D
Acq On : 23 May 2018 07:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB109374BL

Quant Time: May 23 08:15:12 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	244579	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	1011068	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	509809	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	999681	20.00	ng		0.00
75) Chrysene-d12	21.83	240	920056	20.00	ng		0.00
86) Perylene-d12	24.27	264	916956	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1207567	80.78	ng		0.00
7) Phenol-d6	7.55	99	1629619	83.71	ng		0.00
23) Nitrobenzene-d5	9.59	82	1534312	83.13	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	533104	83.39	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3392838	82.73	ng		0.00
78) Terphenyl-d14	20.29	244	3567362	85.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	239240	38.737	ng	#	100
3) Pyridine	4.06	79	644992	40.768	ng	#	87
4) n-Nitrosodimethylamine	3.98	42	357956	41.816	ng	#	70
6) Aniline	7.72	93	1006541	41.965	ng		98
8) 2-Chlorophenol	7.96	128	695060	41.198	ng		98
9) Benzaldehyde	7.53	77	512301	41.607	ng		94
10) Phenol	7.57	94	819715	41.466	ng		78
11) bis(2-Chloroethyl)ether	7.81	93	656259	41.853	ng		92
12) 1,3-Dichlorobenzene	8.29	146	779744	40.537	ng	#	96
13) 1,4-Dichlorobenzene	8.44	146	791903	40.716	ng		96
14) 1,2-Dichlorobenzene	8.76	146	754120	40.851	ng		95
15) Benzyl Alcohol	8.65	79	603161	42.848	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	1038593	41.984	ng		95
17) 2-Methylphenol	8.85	107	549395	41.807	ng	#	94
18) Hexachloroethane	9.50	117	290770	42.099	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	538521	43.404	ng		89
20) 3+4-Methylphenols	9.18	107	740587	42.442	ng		95
22) Acetophenone	9.25	105	994084	40.986	ng	#	95
24) Nitrobenzene	9.63	77	793179	41.273	ng		97
25) Isophorone	10.16	82	1353515	42.695	ng		96
26) 2-Nitrophenol	10.35	139	360686	41.831	ng	#	83
27) 2,4-Dimethylphenol	10.39	122	654619	41.860	ng		92
28) bis(2-Chloroethoxy)methane	10.63	93	870484	41.934	ng		98
29) 2,4-Dichlorophenol	10.88	162	621692	41.982	ng		99
30) 1,2,4-Trichlorobenzene	11.10	180	713153	40.877	ng		99
31) Naphthalene	11.29	128	2130705	40.545	ng		100
32) Benzoic acid	10.54	122	367079	40.577	ng		98
33) 4-Chloroaniline	11.40	127	866167	41.302	ng	#	91
34) Hexachlorobutadiene	11.56	225	428855	41.336	ng		96
35) Caprolactam	12.19	113	167826	40.042	ng		95
36) 4-Chloro-3-methylphenol	12.49	107	626060	41.384	ng		93
37) 2-Methylnaphthalene	12.87	142	1491987	40.968	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	743681	41.414	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	463335	42.148	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	461502	42.766	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	494075	42.403	ng	#	90
45) 1,1'-Biphenyl	13.86	154	1841442	41.283	ng		98
46) 2-Chloronaphthalene	13.91	162	1407501	41.000	ng		94
47) 2-Nitroaniline	14.11	65	405488	41.459	ng		89
48) Acenaphthylene	14.75	152	2130070	41.772	ng		100
49) Dimethylphthalate	14.46	163	1646961	40.479	ng		99
50) 2,6-Dinitrotoluene	14.59	165	356212	41.965	ng		95
51) Acenaphthene	15.08	154	1289842	40.606	ng		100
52) 3-Nitroaniline	14.92	138	358828	40.146	ng	#	79
53) 2,4-Dinitrophenol	15.13	184	175866	38.384	ng		89
54) Dibenzofuran	15.41	168	2000729	39.949	ng		94
55) 4-Nitrophenol	15.21	139	284806	39.287	ng	#	54
56) 2,4-Dinitrotoluene	15.37	165	465181	40.021	ng	#	80
57) Fluorene	16.05	166	1596259	40.331	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	410410	41.074	ng	#	100
59) Diethylphthalate	15.80	149	1630162	40.645	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	817893	40.570	ng		95
61) 4-Nitroaniline	16.07	138	368403	39.423	ng	#	69
62) Azobenzene	16.33	77	1619413	42.504	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	227422	41.217	ng		94
65) n-Nitrosodiphenylamine	16.25	169	1366296	42.536	ng		100
66) 4-Bromophenyl-phenylether	16.92	248	482379	43.190	ng	#	91
67) Hexachlorobenzene	17.04	284	537479	41.788	ng	#	90
68) Atrazine	17.17	200	432861	42.482	ng		97
69) Pentachlorophenol	17.38	266	294906	41.189	ng		98
70) Phenanthrene	17.77	178	2309803	40.565	ng		99
71) Anthracene	17.87	178	2355132	41.493	ng		99
72) Carbazole	18.13	167	2035961	40.518	ng		99
73) Di-n-butylphthalate	18.65	149	2526009	42.697	ng		99
74) Fluoranthene	19.75	202	2478819	39.694	ng		97
76) Benzidine	19.92	184	1284615	44.600	ng		99
77) Pyrene	20.11	202	2495709	42.979	ng		100
79) Butylbenzylphthalate	20.95	149	1059364	44.680	ng		90
80) Benzo(a)anthracene	21.82	228	2374399	40.954	ng		100
81) 3,3'-Dichlorobenzidine	21.74	252	894800	41.680	ng		98
82) Chrysene	21.87	228	2215746	40.577	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1529482	44.350	ng		97
84) Di-n-octyl phthalate	22.63	149	2518033	41.746	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.79	276	2650473	40.120	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2372324	40.889	ng		97
88) Benzo(k)fluoranthene	23.57	252	2255467	41.098	ng		99
89) Benzo(a)pyrene	24.16	252	2225968	41.133	ng	#	98
90) Dibenzo(a,h)anthracene	26.80	278	2260398	40.942	ng		99
91) Benzo(g,h,i)perylene	27.57	276	2177895	40.501	ng		97

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

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