Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015262.D
Acq On : 23 May 2018 04:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 23 05:57:02 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	244847	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	1008661	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	509628	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1000228	20.00	ng		0.00
75) Chrysene-d12	21.83	240	922671	20.00	ng		0.00
86) Perylene-d12	24.27	264	919244	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1206039	80.59	ng		0.00
7) Phenol-d6	7.55	99	1597453	81.97	ng		0.00
23) Nitrobenzene-d5	9.59	82	1521382	82.63	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	531394	83.15	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3354822	81.83	ng		0.00
78) Terphenyl-d14	20.29	244	3568327	85.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	239906	38.802	ng	#	100
3) Pyridine	4.07	79	645283	40.742	ng		90
4) n-Nitrosodimethylamine	3.98	42	362651	42.318	ng	#	66
6) Aniline	7.72	93	989377	41.204	ng		96
8) 2-Chlorophenol	7.96	128	690598	40.888	ng		97
9) Benzaldehyde	7.53	77	503661	40.860	ng		96
10) Phenol	7.57	94	804337	40.644	ng		80
11) bis(2-Chloroethyl)ether	7.81	93	648615	41.320	ng		91
12) 1,3-Dichlorobenzene	8.29	146	777975	40.401	ng		96
13) 1,4-Dichlorobenzene	8.44	146	789850	40.566	ng		95
14) 1,2-Dichlorobenzene	8.76	146	756173	40.918	ng		95
15) Benzyl Alcohol	8.65	79	596042	42.296	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.94	45	1034280	41.763	ng		96
17) 2-Methylphenol	8.85	107	546714	41.557	ng	#	93
18) Hexachloroethane	9.50	117	289721	41.901	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	527374	42.459	ng	#	88
20) 3+4-Methylphenols	9.18	107	725896	41.555	ng		94
22) Acetophenone	9.25	105	980142	40.507	ng		95
24) Nitrobenzene	9.63	77	782111	40.794	ng		96
25) Isophorone	10.16	82	1322492	41.816	ng		96
26) 2-Nitrophenol	10.35	139	348178	40.476	ng	#	80
27) 2,4-Dimethylphenol	10.39	122	641353	41.110	ng		91
28) bis(2-Chloroethoxy)methane	10.63	93	856576	41.363	ng		98
29) 2,4-Dichlorophenol	10.88	162	614750	41.612	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	708460	40.705	ng		98
31) Naphthalene	11.29	128	2109888	40.245	ng		99
32) Benzoic acid	10.55	122	358959	39.774	ng		93
33) 4-Chloroaniline	11.40	127	850853	40.668	ng	#	90
34) Hexachlorobutadiene	11.56	225	427913	41.344	ng		98
35) Caprolactam	12.19	113	162440	38.849	ng		94
36) 4-Chloro-3-methylphenol	12.49	107	619584	41.054	ng		90
37) 2-Methylnaphthalene	12.87	142	1471901	40.513	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	738588	41.145	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	457705	41.713	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	455797	42.253	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	483306	41.493	ng	#	90
45) 1,1'-Biphenyl	13.86	154	1814091	40.684	ng		99
46) 2-Chloronaphthalene	13.91	162	1399292	40.775	ng		94
47) 2-Nitroaniline	14.11	65	397434	40.650	ng		88
48) Acenaphthylene	14.74	152	2099203	41.181	ng		100
49) Dimethylphthalate	14.46	163	1626344	39.987	ng		100
50) 2,6-Dinitrotoluene	14.59	165	351741	41.453	ng		94
51) Acenaphthene	15.08	154	1279210	40.286	ng		98
52) 3-Nitroaniline	14.92	138	355632	39.802	ng	#	80
53) 2,4-Dinitrophenol	15.13	184	171738	37.648	ng		90
54) Dibenzofuran	15.41	168	1979797	39.545	ng		93
55) 4-Nitrophenol	15.21	139	280322	38.682	ng	#	54
56) 2,4-Dinitrotoluene	15.37	165	457568	39.380	ng	#	81
57) Fluorene	16.05	166	1575183	39.813	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.63	232	406803	40.727	ng	#	100
59) Diethylphthalate	15.80	149	1616506	40.319	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	808884	40.138	ng		95
61) 4-Nitroaniline	16.07	138	361528	38.701	ng	#	67
62) Azobenzene	16.33	77	1605184	42.145	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	223646	40.510	ng		92
65) n-Nitrosodiphenylamine	16.25	169	1347755	41.935	ng		100
66) 4-Bromophenyl-phenylether	16.92	248	476472	42.637	ng	#	89
67) Hexachlorobenzene	17.04	284	531413	41.294	ng	#	88
68) Atrazine	17.17	200	431712	42.346	ng		99
69) Pentachlorophenol	17.38	266	296065	41.329	ng		98
70) Phenanthrene	17.78	178	2301042	40.389	ng		100
71) Anthracene	17.87	178	2332561	41.073	ng		99
72) Carbazole	18.13	167	2034646	40.470	ng		99
73) Di-n-butylphthalate	18.65	149	2514234	42.475	ng		99
74) Fluoranthene	19.75	202	2465530	39.459	ng		97
76) Benzidine	19.92	184	1292071	44.732	ng		99
77) Pyrene	20.11	202	2484524	42.665	ng		100
79) Butylbenzylphthalate	20.95	149	1050282	44.172	ng		89
80) Benzo(a)anthracene	21.82	228	2377646	40.893	ng		100
81) 3,3'-Dichlorobenzidine	21.74	252	895041	41.573	ng		100
82) Chrysene	21.87	228	2219025	40.522	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1531818	44.292	ng		98
84) Di-n-octyl phthalate	22.63	149	2518718	41.639	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.80	276	2661007	40.166	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	2305464	39.638	ng		98
88) Benzo(k)fluoranthene	23.58	252	2312174	42.027	ng		99
89) Benzo(a)pyrene	24.17	252	2235840	41.213	ng		98
90) Dibenzo(a,h)anthracene	26.80	278	2258627	40.808	ng		99
91) Benzo(g,h,i)perylene	27.57	276	2188691	40.601	ng		97

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

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