Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015274.D
Acq On : 23 May 2018 14:00
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 24 02:09:23 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	241654	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	1014915	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	509050	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1005476	20.00	ng		0.00
75) Chrysene-d12	21.83	240	930002	20.00	ng		0.00
86) Perylene-d12	24.27	264	915529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1201526	81.35	ng		0.00
7) Phenol-d6	7.55	99	1603395	83.36	ng		0.00
23) Nitrobenzene-d5	9.59	82	1534820	82.84	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	531045	83.19	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3390899	82.81	ng		0.00
78) Terphenyl-d14	20.29	244	3608345	85.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	233616	38.284	ng	#	100
3) Pyridine	4.06	79	642576	41.107	ng		89
4) n-Nitrosodimethylamine	3.97	42	362068	42.808	ng	#	64
6) Aniline	7.72	93	991032	41.818	ng		96
8) 2-Chlorophenol	7.96	128	689613	41.370	ng		96
9) Benzaldehyde	7.53	77	503483	41.386	ng		95
10) Phenol	7.57	94	809387	41.440	ng		81
11) bis(2-Chloroethyl)ether	7.81	93	647292	41.780	ng		91
12) 1,3-Dichlorobenzene	8.29	146	771162	40.576	ng	#	96
13) 1,4-Dichlorobenzene	8.44	146	786465	40.926	ng		97
14) 1,2-Dichlorobenzene	8.76	146	745671	40.882	ng		96
15) Benzyl Alcohol	8.65	79	600496	43.175	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	1036456	42.404	ng		95
17) 2-Methylphenol	8.85	107	551167	42.449	ng	#	93
18) Hexachloroethane	9.50	117	288703	42.306	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	529964	43.231	ng		89
20) 3+4-Methylphenols	9.17	107	726805	42.156	ng		94
22) Acetophenone	9.25	105	990740	40.693	ng	#	94
24) Nitrobenzene	9.63	77	791925	41.051	ng		96
25) Isophorone	10.16	82	1340589	42.127	ng		96
26) 2-Nitrophenol	10.35	139	355151	41.032	ng	#	77
27) 2,4-Dimethylphenol	10.39	122	643577	40.998	ng		93
28) bis(2-Chloroethoxy)methane	10.63	93	864108	41.469	ng		99
29) 2,4-Dichlorophenol	10.88	162	614821	41.360	ng		97
30) 1,2,4-Trichlorobenzene	11.10	180	712273	40.672	ng		99
31) Naphthalene	11.29	128	2124590	40.275	ng		99
32) Benzoic acid	10.55	122	361769	39.838	ng		97
33) 4-Chloroaniline	11.40	127	866384	41.155	ng	#	92
34) Hexachlorobutadiene	11.56	225	429070	41.200	ng		97
35) Caprolactam	12.19	113	163802	38.934	ng		95
36) 4-Chloro-3-methylphenol	12.49	107	623750	41.075	ng		91
37) 2-Methylnaphthalene	12.87	142	1492836	40.836	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	746285	41.621	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	462886	42.168	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	461609	42.840	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	488721	42.006	ng	#	91
45) 1,1'-Biphenyl	13.86	154	1837080	41.246	ng		98
46) 2-Chloronaphthalene	13.91	162	1413387	41.232	ng		94
47) 2-Nitroaniline	14.11	65	402975	41.264	ng		87
48) Acenaphthylene	14.75	152	2115251	41.543	ng		99
49) Dimethylphthalate	14.46	163	1639868	40.365	ng		99
50) 2,6-Dinitrotoluene	14.59	165	353133	41.665	ng		95
51) Acenaphthene	15.08	154	1294055	40.799	ng		99
52) 3-Nitroaniline	14.92	138	356333	39.926	ng	#	80
53) 2,4-Dinitrophenol	15.13	184	174564	38.196	ng	#	88
54) Dibenzofuran	15.41	168	2004874	40.091	ng		94
55) 4-Nitrophenol	15.21	139	280550	38.757	ng	#	53
56) 2,4-Dinitrotoluene	15.37	165	465516	40.110	ng	#	80
57) Fluorene	16.05	166	1599107	40.464	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	410448	41.139	ng	#	100
59) Diethylphthalate	15.80	149	1626322	40.610	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	819292	40.700	ng		95
61) 4-Nitroaniline	16.07	138	368590	39.502	ng	#	69
62) Azobenzene	16.33	77	1616914	42.502	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	227498	40.993	ng		94
65) n-Nitrosodiphenylamine	16.24	169	1360638	42.115	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	475946	42.368	ng	#	90
67) Hexachlorobenzene	17.04	284	534944	41.351	ng	#	90
68) Atrazine	17.17	200	429165	41.876	ng		98
69) Pentachlorophenol	17.38	266	294294	40.867	ng		98
70) Phenanthrene	17.77	178	2297999	40.125	ng		99
71) Anthracene	17.87	178	2343398	41.049	ng		99
72) Carbazole	18.13	167	2037310	40.311	ng		99
73) Di-n-butylphthalate	18.65	149	2541414	42.710	ng		99
74) Fluoranthene	19.75	202	2465545	39.254	ng		98
76) Benzidine	19.92	184	1303394	44.769	ng		99
77) Pyrene	20.10	202	2507680	42.723	ng		100
79) Butylbenzylphthalate	20.95	149	1071270	44.699	ng		90
80) Benzo(a)anthracene	21.82	228	2406852	41.069	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	908350	41.859	ng		99
82) Chrysene	21.87	228	2232721	40.451	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1558238	44.700	ng		99
84) Di-n-octyl phthalate	22.63	149	2555217	41.909	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.80	276	2664118	39.896	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2374336	40.988	ng		97
88) Benzo(k)fluoranthene	23.57	252	2304387	42.055	ng		99
89) Benzo(a)pyrene	24.16	252	2244116	41.533	ng	#	98
90) Dibenzo(a,h)anthracene	26.80	278	2262871	41.051	ng		99
91) Benzo(g,h,i)perylene	27.57	276	2189561	40.782	ng		96

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

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