Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010075.D
Acq On : 19 May 2017 18:51
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 20 03:58:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 14:14:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	181662	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	670323	20.00	ng		0.00
38) Acenaphthene-d10	14.60	164	431693	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	1050383	20.00	ng		0.00
75) Chrysene-d12	21.51	240	1598017	20.00	ng		0.00
86) Perylene-d12	23.89	264	1788563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	812769	80.79	ng		0.00
7) Phenol-d6	7.16	99	1058231	81.75	ng		0.00
23) Nitrobenzene-d5	9.16	82	1092474	87.93	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	539865	82.34	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	2738109	81.54	ng		0.00
78) Terphenyl-d14	19.95	244	5541389	78.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	187486	40.56	ng	#	100
3) Pyridine	3.87	79	523961	42.35	ng		92
4) n-Nitrosodimethylamine	3.78	42	196133	43.82	ng		91
6) Aniline	7.33	93	665097	41.47	ng		96
8) 2-Chlorophenol	7.55	128	441409	40.33	ng		97
9) Benzaldehyde	7.14	77	347963	43.18	ng		91
10) Phenol	7.19	94	558441	40.94	ng		86
11) bis(2-Chloroethyl)ether	7.41	93	411609	40.48	ng		98
12) 1,3-Dichlorobenzene	7.86	146	558442	40.15	ng	#	93
13) 1,4-Dichlorobenzene	8.01	146	568781	39.81	ng		97
14) 1,2-Dichlorobenzene	8.33	146	550911	40.17	ng		97
15) Benzyl Alcohol	8.24	79	413781	42.25	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.50	45	389568	38.97	ng		79
17) 2-Methylphenol	8.43	107	390820	40.26	ng	#	87
18) Hexachloroethane	9.05	117	192503	41.56	ng	#	78
19) n-Nitroso-di-n-propylamine	8.79	70	382514	41.87	ng		90
20) 3+4-Methylphenols	8.77	107	528856	40.34	ng		90
22) Acetophenone	8.82	105	714595	41.59	ng	#	98
24) Nitrobenzene	9.20	77	563155	44.00	ng		97
25) Isophorone	9.72	82	909634	42.37	ng		94
26) 2-Nitrophenol	9.91	139	223239	41.38	ng	#	70
27) 2,4-Dimethylphenol	9.96	122	398910	40.95	ng	#	83
28) bis(2-Chloroethoxy)methane	10.20	93	560182	41.11	ng		98
29) 2,4-Dichlorophenol	10.44	162	469189	41.83	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	590292	40.68	ng		98
31) Naphthalene	10.83	128	1433444	39.97	ng		99
32) Benzoic acid	10.10	122	265840	40.04	ng	#	80
33) 4-Chloroaniline	10.97	127	562914	40.75	ng	#	85
34) Hexachlorobutadiene	11.08	225	404815	41.82	ng		98
35) Caprolactam	11.80	113	128130	39.81	ng	#	82
36) 4-Chloro-3-methylphenol	12.09	107	499048	41.08	ng	#	82
37) 2-Methylnaphthalene	12.43	142	1030133	39.90	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	682143	41.09	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	415567	43.36	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	414149	42.36	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	456260	42.23	ng	#	92
45) 1,1'-Biphenyl	13.44	154	1442262	40.63	ng		98
46) 2-Chloronaphthalene	13.49	162	1165797	40.56	ng		95
47) 2-Nitroaniline	13.73	65	315357	42.67	ng		88
48) Acenaphthylene	14.33	152	1744222	41.04	ng		99
49) Dimethylphthalate	14.07	163	1557753	40.45	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	307566	42.06	ng		93
51) Acenaphthene	14.67	154	1066304	40.36	ng		98
52) 3-Nitroaniline	14.55	138	279489	41.12	ng	#	77
53) 2,4-Dinitrophenol	14.74	184	173223	39.17	ng	#	78
54) Dibenzofuran	15.00	168	1666495	40.11	ng		98
55) 4-Nitrophenol	14.86	139	216702	39.62	ng	#	50
56) 2,4-Dinitrotoluene	14.99	165	419913	40.59	ng	#	78
57) Fluorene	15.65	166	1464515	40.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	390857	42.47	ng	#	100
59) Diethylphthalate	15.42	149	1482288	40.71	ng		98
60) 4-Chlorophenyl-phenylether	15.64	204	814428	40.15	ng		96
61) 4-Nitroaniline	15.72	138	282228	40.91	ng	#	49
62) Azobenzene	15.93	77	1178890	44.04	ng		92
64) 4,6-Dinitro-2-methylphenol	15.73	198	260638	40.62	ng		81
65) n-Nitrosodiphenylamine	15.87	169	1280763	40.68	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	544832	40.52	ng		96
67) Hexachlorobenzene	16.63	284	635749	38.92	ng		96
68) Atrazine	16.81	200	496197	41.57	ng		99
69) Pentachlorophenol	16.99	266	372693	41.53	ng		97
70) Phenanthrene	17.39	178	2374749	40.41	ng		100
71) Anthracene	17.49	178	2409076	41.31	ng		99
72) Carbazole	17.77	167	2168340	41.99	ng		98
73) Di-n-butylphthalate	18.29	149	2539917	41.49	ng	#	99
74) Fluoranthene	19.40	202	3130730	41.03	ng		98
76) Benzidine	19.60	184	1265885	42.95	ng		99
77) Pyrene	19.76	202	3291860	38.42	ng		99
79) Butylbenzylphthalate	20.64	149	1271819	40.10	ng	#	90
80) Benzo(a)anthracene	21.49	228	3512909	39.89	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	1443333	40.74	ng	#	97
82) Chrysene	21.55	228	3353294	40.14	ng		100
83) Bis(2-ethylhexyl)phthalate	21.38	149	1912429	40.32	ng	#	99
84) Di-n-octyl phthalate	22.30	149	3507920	41.31	ng		96
85) Indeno(1,2,3-cd)pyrene	26.32	276	5161339	42.14	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	4110000	39.26	ng	#	94
88) Benzo(k)fluoranthene	23.21	252	4092368	39.90	ng	#	95
89) Benzo(a)pyrene	23.78	252	4134040	41.45	ng		99
90) Dibenzo(a,h)anthracene	26.33	278	4584285	41.10	ng	#	92
91) Benzo(g,h,i)perylene	27.07	276	4435476	40.58	ng	#	88

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

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