Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010069.D
Acq On : 19 May 2017 11:36
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: May 19 12:54:37 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 12:47:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	220999	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	843749	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	558140	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	1313354	20.00	ng		0.00
75) Chrysene-d12	21.51	240	1832103	20.00	ng		0.00
86) Perylene-d12	23.89	264	1994738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	970927	68.75	ng		0.00
7) Phenol-d6	7.17	99	1259416	55.66	ng		0.00
23) Nitrobenzene-d5	9.17	82	1280949	55.48	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	682860	89.40	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	3415391	81.83	ng		0.00
78) Terphenyl-d14	19.95	244	6641653	76.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	218834	41.82	ng	#	100
3) Pyridine	3.88	79	621691	32.24	ng		90
4) n-Nitrosodimethylamine	3.78	42	204974	19.41	ng		99
6) Aniline	7.33	93	787506	26.80	ng		99
8) 2-Chlorophenol	7.55	128	519609	33.89	ng		98
9) Benzaldehyde	7.14	77	403060	23.80	ng		97
10) Phenol	7.20	94	653839	26.59	ng		80
11) bis(2-Chloroethyl)ether	7.41	93	501502	26.23	ng		98
12) 1,3-Dichlorobenzene	7.86	146	669783	39.13	ng	#	93
13) 1,4-Dichlorobenzene	8.01	146	692016	39.46	ng		98
14) 1,2-Dichlorobenzene	8.33	146	665098	39.12	ng		96
15) Benzyl Alcohol	8.24	79	490413	25.43	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.50	45	500747	16.50	ng		84
17) 2-Methylphenol	8.44	107	486212	30.29	ng	#	91
18) Hexachloroethane	9.05	117	223739	30.77	ng	#	77
19) n-Nitroso-di-n-propylamine	8.79	70	455747	22.20	ng	#	87
20) 3+4-Methylphenols	8.77	107	646009	29.56	ng		92
22) Acetophenone	8.82	105	855571	33.17	ng	#	95
24) Nitrobenzene	9.21	77	654863	26.65	ng		99
25) Isophorone	9.72	82	1100168	27.69	ng		95
26) 2-Nitrophenol	9.91	139	278725	37.67	ng	#	82
27) 2,4-Dimethylphenol	9.96	122	493346	35.62	ng	#	87
28) bis(2-Chloroethoxy)methane	10.20	93	703553	29.39	ng		99
29) 2,4-Dichlorophenol	10.44	162	575098	42.68	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	718784	45.69	ng		97
31) Naphthalene	10.84	128	1791527	38.57	ng		100
32) Benzoic acid	10.11	122	338608	36.55	ng		92
33) 4-Chloroaniline	10.97	127	718565	36.39	ng	#	88
34) Hexachlorobutadiene	11.08	225	481969	45.02	ng		99
35) Caprolactam	11.81	113	172208	32.71	ng	#	76
36) 4-Chloro-3-methylphenol	12.09	107	629488	34.96	ng		86
37) 2-Methylnaphthalene	12.43	142	1292403	38.87	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	838319	41.27	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	497574	159.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	517684	41.39	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	577886	42.54	ng	#	93
45) 1,1'-Biphenyl	13.45	154	1801646	38.79	ng		99
46) 2-Chloronaphthalene	13.49	162	1462628	40.07	ng		97
47) 2-Nitroaniline	13.73	65	380221	23.01	ng		90
48) Acenaphthylene	14.34	152	2224887	38.71	ng		99
49) Dimethylphthalate	14.07	163	1984049	40.33	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	393397	39.46	ng		98
51) Acenaphthene	14.67	154	1362901	37.63	ng		100
52) 3-Nitroaniline	14.56	138	350024	33.06	ng	#	77
53) 2,4-Dinitrophenol	14.74	184	212194	45.74	ng	#	80
54) Dibenzofuran	15.01	168	2115127	38.12	ng		98
55) 4-Nitrophenol	14.87	139	283433	39.98	ng	#	66
56) 2,4-Dinitrotoluene	14.99	165	532873	36.13	ng	#	74
57) Fluorene	15.66	166	1825085	37.30	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.23	232	481494	41.03	ng	#	100
59) Diethylphthalate	15.43	149	1863864	36.08	ng		96
60) 4-Chlorophenyl-phenylether	15.65	204	1013875	37.95	ng		97
61) 4-Nitroaniline	15.72	138	354690	32.88	ng	#	55
62) Azobenzene	15.94	77	1396421	22.28	ng		93
64) 4,6-Dinitro-2-methylphenol	15.74	198	327170	41.44	ng		74
65) n-Nitrosodiphenylamine	15.87	169	1606644	39.42	ng		100
66) 4-Bromophenyl-phenylether	16.54	248	672547	43.12	ng		96
67) Hexachlorobenzene	16.63	284	818983	47.30	ng		98
68) Atrazine	16.82	200	619383	41.59	ng		99
69) Pentachlorophenol	16.99	266	468373	63.59	ng		98
70) Phenanthrene	17.40	178	2946650	39.09	ng		100
71) Anthracene	17.49	178	2971020	38.63	ng		100
72) Carbazole	17.77	167	2622779	38.21	ng		98
73) Di-n-butylphthalate	18.29	149	3128322	35.84	ng	#	99
74) Fluoranthene	19.40	202	3812828	39.42	ng		99
76) Benzidine	19.60	184	1496527	32.67	ng		98
77) Pyrene	19.76	202	3998069	36.67	ng		99
79) Butylbenzylphthalate	20.64	149	1500512	33.05	ng	#	90
80) Benzo(a)anthracene	21.50	228	4058552	36.87	ng		100
81) 3,3'-Dichlorobenzidine	21.44	252	1664927	41.06	ng	#	97
82) Chrysene	21.55	228	3869028	37.48	ng		99
83) Bis(2-ethylhexyl)phthalate	21.39	149	2216099	32.69	ng	#	96
84) Di-n-octyl phthalate	22.30	149	3961025	34.06	ng		96
85) Indeno(1,2,3-cd)pyrene	26.33	276	5530398	63.56	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	4727012	34.99	ng	#	94
88) Benzo(k)fluoranthene	23.21	252	4505315	35.10	ng	#	96
89) Benzo(a)pyrene	23.79	252	4431205	37.21	ng	#	98
90) Dibenzo(a,h)anthracene	26.34	278	4934199	46.95	ng	#	93
91) Benzo(g,h,i)perylene	27.09	276	4829992	49.87	ng	#	88

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

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