Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010073.D
Acq On : 19 May 2017 14:00
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM051917

Quant Time: May 19 14:33:23 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	196157	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	704633	20.00	ng		0.00
38) Acenaphthene-d10	14.60	164	464571	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	1148569	20.00	ng		0.00
75) Chrysene-d12	21.51	240	1714468	20.00	ng		0.00
86) Perylene-d12	23.89	264	1887093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	861869	79.34	ng		0.00
7) Phenol-d6	7.17	99	1110198	79.43	ng		0.00
23) Nitrobenzene-d5	9.16	82	1143054	87.52	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	595443	84.39	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	2995866	82.90	ng		0.00
78) Terphenyl-d14	19.95	244	6021862	79.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	209445	41.96	ng	#	100
3) Pyridine	3.87	79	563795	42.20	ng		92
4) n-Nitrosodimethylamine	3.78	42	199899	41.37	ng		98
6) Aniline	7.33	93	698388	40.33	ng		97
8) 2-Chlorophenol	7.55	128	464103	39.27	ng		95
9) Benzaldehyde	7.14	77	359872	41.36	ng		95
10) Phenol	7.19	94	590180	40.07	ng		85
11) bis(2-Chloroethyl)ether	7.41	93	442651	40.32	ng		98
12) 1,3-Dichlorobenzene	7.86	146	601624	40.06	ng	#	95
13) 1,4-Dichlorobenzene	8.01	146	614126	39.81	ng		97
14) 1,2-Dichlorobenzene	8.33	146	589082	39.78	ng		95
15) Benzyl Alcohol	8.24	79	439961	41.60	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.49	45	392747	36.38	ng		81
17) 2-Methylphenol	8.43	107	427906	40.83	ng	#	89
18) Hexachloroethane	9.05	117	202451	40.48	ng	#	74
19) n-Nitroso-di-n-propylamine	8.79	70	404692	41.02	ng		91
20) 3+4-Methylphenols	8.77	107	568207	40.14	ng		91
22) Acetophenone	8.82	105	760453	42.10	ng	#	95
24) Nitrobenzene	9.21	77	586402	43.58	ng		100
25) Isophorone	9.72	82	958723	42.48	ng		94
26) 2-Nitrophenol	9.91	139	240074	42.33	ng	#	76
27) 2,4-Dimethylphenol	9.96	122	421514	41.16	ng	#	83
28) bis(2-Chloroethoxy)methane	10.20	93	588877	41.12	ng		99
29) 2,4-Dichlorophenol	10.44	162	497625	42.21	ng		96
30) 1,2,4-Trichlorobenzene	10.63	180	636029	41.69	ng		99
31) Naphthalene	10.83	128	1517581	40.26	ng		100
32) Benzoic acid	10.11	122	289839	41.53	ng		94
33) 4-Chloroaniline	10.97	127	605495	41.70	ng	#	87
34) Hexachlorobutadiene	11.08	225	433913	42.64	ng		97
35) Caprolactam	11.80	113	139859	41.34	ng	#	72
36) 4-Chloro-3-methylphenol	12.09	107	536605	42.02	ng	#	83
37) 2-Methylnaphthalene	12.43	142	1110408	40.91	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	756138	42.33	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	444396	43.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	449410	42.71	ng		98
43) 2,4,5-Trichlorophenol	13.12	196	501573	43.14	ng	#	93
45) 1,1'-Biphenyl	13.44	154	1563598	40.93	ng		99
46) 2-Chloronaphthalene	13.49	162	1268833	41.02	ng		98
47) 2-Nitroaniline	13.73	65	331108	41.63	ng		92
48) Acenaphthylene	14.33	152	1879717	41.10	ng		99
49) Dimethylphthalate	14.07	163	1676790	40.46	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	330876	42.05	ng		94
51) Acenaphthene	14.67	154	1153773	40.58	ng		100
52) 3-Nitroaniline	14.56	138	296102	40.49	ng	#	71
53) 2,4-Dinitrophenol	14.74	184	191104	39.99	ng	#	76
54) Dibenzofuran	15.00	168	1810173	40.49	ng		98
55) 4-Nitrophenol	14.86	139	246520	41.88	ng	#	55
56) 2,4-Dinitrotoluene	14.99	165	461702	41.47	ng	#	76
57) Fluorene	15.65	166	1597619	41.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.23	232	427169	43.13	ng	#	100
59) Diethylphthalate	15.42	149	1616923	41.27	ng		98
60) 4-Chlorophenyl-phenylether	15.64	204	897883	41.13	ng		97
61) 4-Nitroaniline	15.72	138	303481	40.88	ng	#	47
62) Azobenzene	15.94	77	1238976	43.01	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	288872	41.17	ng		82
65) n-Nitrosodiphenylamine	15.87	169	1408068	40.90	ng		100
66) 4-Bromophenyl-phenylether	16.54	248	600800	40.86	ng		95
67) Hexachlorobenzene	16.63	284	702940	39.35	ng		95
68) Atrazine	16.81	200	550368	42.17	ng		99
69) Pentachlorophenol	16.99	266	419912	42.80	ng		98
70) Phenanthrene	17.39	178	2607744	40.58	ng		99
71) Anthracene	17.49	178	2640652	41.41	ng		99
72) Carbazole	17.77	167	2315927	41.02	ng		97
73) Di-n-butylphthalate	18.29	149	2774399	41.44	ng	#	98
74) Fluoranthene	19.40	202	3466976	41.55	ng		98
76) Benzidine	19.60	184	1481025	46.83	ng		98
77) Pyrene	19.76	202	3633096	39.52	ng		100
79) Butylbenzylphthalate	20.64	149	1376556	40.46	ng	#	90
80) Benzo(a)anthracene	21.49	228	3857860	40.83	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	1567922	41.25	ng	#	97
82) Chrysene	21.55	228	3640644	40.62	ng		100
83) Bis(2-ethylhexyl)phthalate	21.39	149	2063435	40.55	ng	#	95
84) Di-n-octyl phthalate	22.30	149	3833122	42.08	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.33	276	5406860	41.14	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	4606631	41.71	ng	#	93
88) Benzo(k)fluoranthene	23.21	252	4349110	40.19	ng	#	96
89) Benzo(a)pyrene	23.78	252	4299150	40.85	ng	#	98
90) Dibenzo(a,h)anthracene	26.34	278	4805125	40.83	ng	#	92
91) Benzo(g,h,i)perylene	27.08	276	4718256	40.92	ng	#	88

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

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