Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010189.D
Acq On : 24 May 2017 20:14
Operator : SJ/MA
Sample : I3305-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DSK-SB1(5-10)MS

Quant Time: May 25 05:29:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	126671	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	438533	20.00	ng		-0.03
38) Acenaphthene-d10	14.58	164	288150	20.00	ng		-0.03
63) Phenanthrene-d10	17.33	188	738018	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1143324	20.00	ng		-0.02
86) Perylene-d12	23.84	264	1253303	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	914398	130.36	ng		-0.02
7) Phenol-d6	7.14	99	1124826	124.62	ng		-0.03
23) Nitrobenzene-d5	9.14	82	749346	92.19	ng		-0.03
41) 2,4,6-Tribromophenol	16.07	330	597556	136.54	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	1847516	82.43	ng		-0.03
78) Terphenyl-d14	19.93	244	3449985	68.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	118245	36.69	ng	#	100
3) Pyridine	3.85	79	305250	35.38	ng		91
4) n-Nitrosodimethylamine	3.76	42	161256	51.67	ng	#	77
6) Aniline	7.30	93	214646	19.19	ng		91
8) 2-Chlorophenol	7.53	128	301352	39.49	ng		96
9) Benzaldehyde	7.12	77	85739	15.26	ng		84
10) Phenol	7.17	94	399432	41.99	ng		94
11) bis(2-Chloroethyl)ether	7.39	93	264389	37.29	ng		98
12) 1,3-Dichlorobenzene	7.83	146	354330	36.54	ng	#	88
13) 1,4-Dichlorobenzene	7.99	146	363254	36.46	ng		96
14) 1,2-Dichlorobenzene	8.30	146	349082	36.50	ng	#	94
15) Benzyl Alcohol	8.21	79	300583	44.02	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	217284	31.17	ng		74
17) 2-Methylphenol	8.41	107	251818	37.21	ng	#	84
18) Hexachloroethane	9.02	117	124119	38.43	ng	#	74
19) n-Nitroso-di-n-propylamine	8.76	70	256358	40.24	ng		93
20) 3+4-Methylphenols	8.74	107	342704	37.49	ng		88
22) Acetophenone	8.79	105	468057	41.64	ng	#	97
24) Nitrobenzene	9.18	77	383385	45.78	ng		95
25) Isophorone	9.69	82	611073	43.51	ng	#	93
26) 2-Nitrophenol	9.88	139	153967	43.62	ng	#	63
27) 2,4-Dimethylphenol	9.93	122	261354	41.01	ng	#	78
28) bis(2-Chloroethoxy)methane	10.17	93	335483	37.64	ng		98
29) 2,4-Dichlorophenol	10.41	162	324756	44.26	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	388455	40.92	ng		97
31) Naphthalene	10.81	128	871988	37.17	ng		99
32) Benzoic acid	10.02	122	20962	4.83	ng	#	83
33) 4-Chloroaniline	10.95	127	66054	7.31	ng	#	85
34) Hexachlorobutadiene	11.05	225	266066	42.01	ng		99
35) Caprolactam	11.76	113	76544	36.35	ng	#	77
36) 4-Chloro-3-methylphenol	12.06	107	319983	40.26	ng		84
37) 2-Methylnaphthalene	12.41	142	678496	40.17	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	448042	40.43	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	595047	93.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	297127	45.53	ng		98
43) 2,4,5-Trichlorophenol	13.09	196	306389	42.49	ng	#	91
45) 1,1'-Biphenyl	13.42	154	926996	39.12	ng		99
46) 2-Chloronaphthalene	13.46	162	741057	38.63	ng		97
47) 2-Nitroaniline	13.70	65	214501	43.48	ng	#	78
48) Acenaphthylene	14.31	152	1129184	39.80	ng		99
49) Dimethylphthalate	14.04	163	1291705	50.25	ng	#	99
50) 2,6-Dinitrotoluene	14.18	165	205733	42.15	ng	#	83
51) Acenaphthene	14.64	154	678058	38.45	ng		97
52) 3-Nitroaniline	14.53	138	109533	24.15	ng	#	62
53) 2,4-Dinitrophenol	14.72	184	97338	33.98	ng	#	84
54) Dibenzofuran	14.98	168	1181745	42.61	ng		95
55) 4-Nitrophenol	14.84	139	298103	81.66	ng	#	33
56) 2,4-Dinitrotoluene	14.96	165	289183	41.88	ng	#	88
57) Fluorene	15.63	166	963613	39.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	299537	48.76	ng	#	100
59) Diethylphthalate	15.40	149	926299	38.12	ng		98
60) 4-Chlorophenyl-phenylether	15.62	204	537106	39.67	ng		100
61) 4-Nitroaniline	15.69	138	167676	36.41	ng	#	20
62) Azobenzene	15.91	77	908375	50.84	ng		90
64) 4,6-Dinitro-2-methylphenol	15.71	198	157433	34.92	ng		82
65) n-Nitrosodiphenylamine	15.84	169	849059	38.39	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	360361	38.14	ng		95
67) Hexachlorobenzene	16.61	284	403733	35.17	ng		95
68) Atrazine	16.79	200	353822	42.19	ng		97
69) Pentachlorophenol	16.97	266	512622	81.31	ng		98
70) Phenanthrene	17.37	178	1575535	38.16	ng		99
71) Anthracene	17.46	178	1611041	39.31	ng		99
72) Carbazole	17.74	167	1458232	40.19	ng		99
73) Di-n-butylphthalate	18.26	149	1577185	36.67	ng	#	97
74) Fluoranthene	19.37	202	2094529	39.07	ng		97
76) Benzidine	19.58	184	1309029	62.07	ng		99
77) Pyrene	19.74	202	2158881	35.22	ng		100
79) Butylbenzylphthalate	20.61	149	795238	35.05	ng	#	81
80) Benzo(a)anthracene	21.47	228	2429791	38.56	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	775873	30.61	ng	#	95
82) Chrysene	21.53	228	2181433	36.50	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1185759	34.94	ng	#	97
84) Di-n-octyl phthalate	22.26	149	2169439	35.71	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.27	276	3626688	41.38	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	2850014	38.86	ng	#	93
88) Benzo(k)fluoranthene	23.17	252	2717659	37.82	ng	#	95
89) Benzo(a)pyrene	23.74	252	2735768	39.14	ng	#	97
90) Dibenzo(a,h)anthracene	26.28	278	3077524	39.38	ng	#	92
91) Benzo(g,h,i)perylene	27.02	276	2962212	38.68	ng	#	86

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

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