Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010037.D
Acq On : 12 May 2017 23:17
Operator : SJ/MA
Sample : I3108-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-GAC3-170510MSD

Quant Time: May 15 14:16:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	56767	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	255810	20.00	ng		-0.03
38) Acenaphthene-d10	14.41	164	161975	20.00	ng		-0.03
63) Phenanthrene-d10	17.17	188	386168	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	476924	20.00	ng		-0.03
86) Perylene-d12	23.65	264	361791	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	613739	169.19	ng		-0.02
7) Phenol-d6	6.95	99	850244	146.28	ng		-0.02
23) Nitrobenzene-d5	8.93	82	781915	111.70	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	358584	161.76	ng		-0.02
44) 2-Fluorobiphenyl	13.02	172	1326919	109.55	ng		-0.03
78) Terphenyl-d14	19.79	244	2319890	102.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	57065	42.46	ng	#	100
3) Pyridine	3.70	79	200342	40.45	ng	#	81
4) n-Nitrosodimethylamine	3.60	42	162795	60.00	ng	#	48
6) Aniline	7.10	93	92848	12.30	ng		97
8) 2-Chlorophenol	7.33	128	218840	55.57	ng	#	71
9) Benzaldehyde	6.93	77	37656	8.65	ng	#	68
10) Phenol	6.97	94	305373	48.35	ng		92
11) bis(2-Chloroethyl)ether	7.20	93	244489	49.78	ng		84
12) 1,3-Dichlorobenzene	7.65	146	199012	45.27	ng	#	81
13) 1,4-Dichlorobenzene	7.79	146	204538	45.40	ng	#	88
14) 1,2-Dichlorobenzene	8.10	146	204997	46.94	ng	#	88
15) Benzyl Alcohol	8.02	79	312507	63.08	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.29	45	392875	50.41	ng		99
17) 2-Methylphenol	8.22	107	216545	52.52	ng	#	82
18) Hexachloroethane	8.82	117	97557	52.23	ng		95
19) n-Nitroso-di-n-propylamine	8.57	70	279026	52.91	ng	#	83
20) 3+4-Methylphenols	8.55	107	301000	53.63	ng	#	81
22) Acetophenone	8.59	105	407644	52.12	ng	#	82
24) Nitrobenzene	8.97	77	407473	54.70	ng	#	85
25) Isophorone	9.49	82	686608	57.00	ng	#	86
26) 2-Nitrophenol	9.68	139	116871	52.10	ng	#	14
27) 2,4-Dimethylphenol	9.74	122	227715	54.24	ng		88
28) bis(2-Chloroethoxy)methane	9.97	93	370429	51.04	ng		97
29) 2,4-Dichlorophenol	10.22	162	226044	55.33	ng		92
30) 1,2,4-Trichlorobenzene	10.42	180	230573	48.34	ng		96
31) Naphthalene	10.60	128	691263	49.08	ng		99
32) Benzoic acid	9.94	122	129919	46.26	ng	#	60
33) 4-Chloroaniline	10.75	127	20367	3.40	ng	#	64
34) Hexachlorobutadiene	10.86	225	150168	46.27	ng		90
35) Caprolactam	11.56	113	63077m	39.52	ng		
36) 4-Chloro-3-methylphenol	11.87	107	290663	53.24	ng	#	78
37) 2-Methylnaphthalene	12.22	142	521986	51.78	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	283960	48.17	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	155370	93.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	196999	54.28	ng		99
43) 2,4,5-Trichlorophenol	12.93	196	197171	50.01	ng	#	81
45) 1,1'-Biphenyl	13.24	154	696459	51.67	ng		94
46) 2-Chloronaphthalene	13.29	162	550618	51.98	ng	#	92
47) 2-Nitroaniline	13.52	65	277854	57.94	ng	#	63
48) Acenaphthylene	14.13	152	928679	55.67	ng		99
49) Dimethylphthalate	13.88	163	742549	52.01	ng	#	98
50) 2,6-Dinitrotoluene	14.01	165	161985	55.98	ng	#	37
51) Acenaphthene	14.48	154	557124	53.00	ng		98
52) 3-Nitroaniline	14.36	138	29377	9.56	ng	#	34
53) 2,4-Dinitrophenol	14.57	184	147466	85.02	ng	#	71
54) Dibenzofuran	14.82	168	908469	56.41	ng	#	90
55) 4-Nitrophenol	14.67	139	198995	96.72	ng	#	1
56) 2,4-Dinitrotoluene	14.81	165	241402	56.40	ng	#	56
57) Fluorene	15.47	166	763744	53.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	178421	52.38	ng	#	100
59) Diethylphthalate	15.24	149	802100	53.51	ng		97
60) 4-Chlorophenyl-phenylether	15.46	204	400405	51.64	ng		97
61) 4-Nitroaniline	15.52	138	138175	44.14	ng	#	1
62) Azobenzene	15.75	77	1207393	66.38	ng		78
64) 4,6-Dinitro-2-methylphenol	15.57	198	113053	45.06	ng	#	75
65) n-Nitrosodiphenylamine	15.68	169	642928	53.65	ng		96
66) 4-Bromophenyl-phenylether	16.35	248	237898	51.87	ng	#	87
67) Hexachlorobenzene	16.47	284	249987	49.11	ng	#	87
68) Atrazine	16.64	200	241719	55.20	ng		95
69) Pentachlorophenol	16.82	266	240144	95.22	ng		97
70) Phenanthrene	17.21	178	1188175	53.60	ng		99
71) Anthracene	17.30	178	1228700	54.34	ng		99
72) Carbazole	17.59	167	1105857	54.79	ng		99
73) Di-n-butylphthalate	18.12	149	1420539	55.36	ng	#	96
74) Fluoranthene	19.23	202	1452728	51.08	ng		98
76) Benzidine	19.43	184	519195	43.54	ng		99
77) Pyrene	19.60	202	1496986	52.74	ng		100
79) Butylbenzylphthalate	20.48	149	692651	58.61	ng	#	58
80) Benzo(a)anthracene	21.34	228	1527596	53.31	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	232037	21.98	ng	#	99
82) Chrysene	21.40	228	1358381	50.55	ng		97
83) Bis(2-ethylhexyl)phthalate	21.24	149	1008100	57.12	ng		96
84) Di-n-octyl phthalate	22.13	149	1730255	57.15	ng	#	82
85) Indeno(1,2,3-cd)pyrene	25.99	276	1290920	56.99	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1363529	55.65	ng	#	93
88) Benzo(k)fluoranthene	23.00	252	1300535	55.86	ng		98
89) Benzo(a)pyrene	23.55	252	1218239	56.40	ng		100
90) Dibenzo(a,h)anthracene	25.99	278	1094089	57.40	ng		97
91) Benzo(g,h,i)perylene	26.70	276	990224m	56.37	ng		

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

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