Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010023.D
Acq On : 12 May 2017 14:51
Operator : SJ/MA
Sample : PB98906BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB98906BS

Quant Time: May 15 14:19:55 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	59009	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	265655	20.00	ng		-0.03
38) Acenaphthene-d10	14.42	164	169486	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	386126	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	421486	20.00	ng		-0.03
86) Perylene-d12	23.65	264	319127	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	516962	137.10	ng		-0.02
7) Phenol-d6	6.95	99	782212	129.46	ng		-0.02
23) Nitrobenzene-d5	8.93	82	590485	81.23	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	266287	114.80	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1003806	79.20	ng		-0.02
78) Terphenyl-d14	19.79	244	1498158	74.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	43000	30.78	ng	#	100
3) Pyridine	3.68	79	166140	32.27	ng	#	91
4) n-Nitrosodimethylamine	3.60	42	123256	43.70	ng	#	57
6) Aniline	7.10	93	210972	26.89	ng		89
8) 2-Chlorophenol	7.33	128	177734	43.42	ng	#	77
9) Benzaldehyde	6.93	77	28367	6.27	ng	#	65
10) Phenol	6.97	94	277832	42.31	ng		99
11) bis(2-Chloroethyl)ether	7.19	93	189417	37.10	ng	#	80
12) 1,3-Dichlorobenzene	7.65	146	168066	36.78	ng	#	80
13) 1,4-Dichlorobenzene	7.79	146	174417	37.25	ng	#	92
14) 1,2-Dichlorobenzene	8.11	146	170736	37.61	ng	#	88
15) Benzyl Alcohol	8.02	79	237955	46.21	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.29	45	312231	38.54	ng		98
17) 2-Methylphenol	8.22	107	173848	40.56	ng	#	83
18) Hexachloroethane	8.82	117	80063	41.24	ng		92
19) n-Nitroso-di-n-propylamine	8.57	70	207002	37.76	ng	#	90
20) 3+4-Methylphenols	8.55	107	241636	41.42	ng		82
22) Acetophenone	8.59	105	311212	38.32	ng	#	84
24) Nitrobenzene	8.97	77	313283	40.50	ng	#	86
25) Isophorone	9.49	82	502705	40.18	ng	#	87
26) 2-Nitrophenol	9.68	139	94036	40.37	ng	#	29
27) 2,4-Dimethylphenol	9.74	122	179064	41.07	ng	#	74
28) bis(2-Chloroethoxy)methane	9.97	93	283960	37.68	ng		96
29) 2,4-Dichlorophenol	10.22	162	175480	41.36	ng		91
30) 1,2,4-Trichlorobenzene	10.42	180	185571	37.46	ng		95
31) Naphthalene	10.60	128	539773	36.91	ng		99
32) Benzoic acid	9.92	122	110333	37.83	ng	#	59
33) 4-Chloroaniline	10.75	127	69579	11.19	ng	#	74
34) Hexachlorobutadiene	10.86	225	120591	35.78	ng		97
35) Caprolactam	11.55	113	57912m	34.94	ng		
36) 4-Chloro-3-methylphenol	11.87	107	225691	39.81	ng	#	79
37) 2-Methylnaphthalene	12.22	142	407227	38.90	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	224147	36.34	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	138248	84.76	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	151775	39.96	ng		98
43) 2,4,5-Trichlorophenol	12.93	196	156750	38.00	ng	#	82
45) 1,1'-Biphenyl	13.24	154	545355	38.66	ng		95
46) 2-Chloronaphthalene	13.29	162	433829	39.14	ng		97
47) 2-Nitroaniline	13.52	65	207872	41.43	ng	#	63
48) Acenaphthylene	14.13	152	694874	39.81	ng		100
49) Dimethylphthalate	13.87	163	556501	37.25	ng	#	97
50) 2,6-Dinitrotoluene	14.01	165	116821	38.59	ng	#	37
51) Acenaphthene	14.48	154	417355	37.94	ng		97
52) 3-Nitroaniline	14.35	138	64578	20.08	ng	#	44
53) 2,4-Dinitrophenol	14.57	184	107403	61.92	ng	#	70
54) Dibenzofuran	14.82	168	694329	41.21	ng		94
55) 4-Nitrophenol	14.67	139	155859	72.39	ng	#	1
56) 2,4-Dinitrotoluene	14.81	165	174134	38.88	ng	#	65
57) Fluorene	15.47	166	565344	38.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	143424	40.24	ng	#	100
59) Diethylphthalate	15.24	149	588150	37.50	ng		98
60) 4-Chlorophenyl-phenylether	15.46	204	300086	36.99	ng		99
61) 4-Nitroaniline	15.52	138	111258	33.97	ng	#	3
62) Azobenzene	15.75	77	883655	46.43	ng		80
64) 4,6-Dinitro-2-methylphenol	15.57	198	83813	34.92	ng	#	70
65) n-Nitrosodiphenylamine	15.68	169	486014	40.56	ng		97
66) 4-Bromophenyl-phenylether	16.36	248	184274	40.18	ng	#	90
67) Hexachlorobenzene	16.47	284	197277	38.76	ng	#	86
68) Atrazine	16.64	200	180093	41.13	ng		99
69) Pentachlorophenol	16.83	266	170610	69.42	ng		94
70) Phenanthrene	17.21	178	892634	40.27	ng		99
71) Anthracene	17.30	178	905694	40.06	ng		98
72) Carbazole	17.59	167	790881	39.19	ng		99
73) Di-n-butylphthalate	18.12	149	913165	35.59	ng	#	97
74) Fluoranthene	19.23	202	1017335	35.78	ng		99
76) Benzidine	19.43	184	469542	44.56	ng		96
77) Pyrene	19.60	202	1042681	41.57	ng		96
79) Butylbenzylphthalate	20.49	149	419284	40.14	ng	#	67
80) Benzo(a)anthracene	21.34	228	998541	39.43	ng		99
81) 3,3'-Dichlorobenzidine	21.28	252	237833	25.49	ng	#	98
82) Chrysene	21.40	228	892503	37.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.24	149	603331	38.68	ng		97
84) Di-n-octyl phthalate	22.13	149	992267	37.08	ng	#	86
85) Indeno(1,2,3-cd)pyrene	25.99	276	811155	40.52	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	855756	39.60	ng	#	95
88) Benzo(k)fluoranthene	23.00	252	824452m	40.15	ng		
89) Benzo(a)pyrene	23.55	252	780638	40.97	ng		98
90) Dibenzo(a,h)anthracene	25.99	278	689031	40.98	ng	#	94
91) Benzo(g,h,i)perylene	26.70	276	643948m	41.56	ng		

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

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