Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009935.D
Acq On : 06 May 2017 11:13
Operator : SJ/MA
Sample : PB98726BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB98726BS

Quant Time: May 08 05:40:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82974	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	353597	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	220028	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	556813	20.00	ng		-0.01
75) Chrysene-d12	21.37	240	697001	20.00	ng		-0.01
86) Perylene-d12	23.67	264	639978	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	833825	159.99	ng		0.00
7) Phenol-d6	6.96	99	1239314	155.13	ng		0.00
23) Nitrobenzene-d5	8.95	82	914986	93.64	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	461389	153.54	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	1650139	97.71	ng		0.00
78) Terphenyl-d14	19.81	244	2941879	86.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	66264	33.11	ng	#	100
3) Pyridine	3.69	79	235671	34.24	ng	#	79
4) n-Nitrosodimethylamine	3.60	42	195920	43.64	ng	#	47
6) Aniline	7.12	93	322203	30.51	ng	#	88
8) 2-Chlorophenol	7.35	128	286335	49.35	ng	#	79
9) Benzaldehyde	6.93	77	52920	8.34	ng	#	78
10) Phenol	6.99	94	445949	50.99	ng		94
11) bis(2-Chloroethyl)ether	7.21	93	298485	42.88	ng	#	82
12) 1,3-Dichlorobenzene	7.66	146	264872	41.19	ng	#	84
13) 1,4-Dichlorobenzene	7.81	146	267532	40.36	ng	#	90
14) 1,2-Dichlorobenzene	8.12	146	266139	41.78	ng	#	92
15) Benzyl Alcohol	8.03	79	365057	49.34	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.31	45	542031	42.13	ng		95
17) 2-Methylphenol	8.23	107	278575	47.30	ng	#	84
18) Hexachloroethane	8.84	117	124547	42.41	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	325793	43.01	ng	#	78
20) 3+4-Methylphenols	8.56	107	397549	49.12	ng		84
22) Acetophenone	8.61	105	483981	43.75	ng	#	84
24) Nitrobenzene	8.99	77	468671	46.21	ng	#	88
25) Isophorone	9.51	82	797347	46.26	ng	#	88
26) 2-Nitrophenol	9.70	139	147796	45.05	ng	#	29
27) 2,4-Dimethylphenol	9.76	122	291101	49.31	ng	#	84
28) bis(2-Chloroethoxy)methane	9.99	93	454002	45.26	ng		99
29) 2,4-Dichlorophenol	10.23	162	284925	50.35	ng		93
30) 1,2,4-Trichlorobenzene	10.43	180	289953	43.84	ng		94
31) Naphthalene	10.62	128	838070	43.10	ng		99
32) Benzoic acid	9.95	122	188824	48.71	ng	#	70
33) 4-Chloroaniline	10.75	127	124975	15.24	ng	#	75
34) Hexachlorobutadiene	10.88	225	192723	41.87	ng		98
35) Caprolactam	11.57	113	101660	47.10	ng	#	45
36) 4-Chloro-3-methylphenol	11.89	107	363976	47.36	ng	#	77
37) 2-Methylnaphthalene	12.24	142	640085	46.61	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	355793	44.95	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	234251	86.28	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	252455	49.36	ng		97
43) 2,4,5-Trichlorophenol	12.94	196	260272	47.30	ng	#	85
45) 1,1'-Biphenyl	13.26	154	845221	45.12	ng		96
46) 2-Chloronaphthalene	13.30	162	679475	45.89	ng	#	94
47) 2-Nitroaniline	13.53	65	333593	46.65	ng	#	64
48) Acenaphthylene	14.16	152	1096645	47.19	ng		98
49) Dimethylphthalate	13.89	163	904780	43.16	ng	#	99
50) 2,6-Dinitrotoluene	14.03	165	197617	48.34	ng	#	48
51) Acenaphthene	14.50	154	659810	46.01	ng		98
52) 3-Nitroaniline	14.36	138	106264	24.03	ng	#	33
53) 2,4-Dinitrophenol	14.59	184	209978	87.74	ng	#	85
54) Dibenzofuran	14.83	168	1104470	50.35	ng		92
55) 4-Nitrophenol	14.69	139	271823	91.48	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	292051	49.16	ng	#	63
57) Fluorene	15.49	166	917066	47.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	216351	51.33	ng	#	100
59) Diethylphthalate	15.26	149	995327	44.45	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	480747	46.81	ng		99
61) 4-Nitroaniline	15.54	138	200137	45.18	ng	#	11
62) Azobenzene	15.77	77	1356738	54.39	ng		79
64) 4,6-Dinitro-2-methylphenol	15.59	198	149506	40.83	ng	#	73
65) n-Nitrosodiphenylamine	15.70	169	797261	45.18	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	291244	44.71	ng	#	89
67) Hexachlorobenzene	16.49	284	317221	42.76	ng	#	86
68) Atrazine	16.66	200	309017	45.72	ng		96
69) Pentachlorophenol	16.84	266	255921	76.84	ng		96
70) Phenanthrene	17.23	178	1443933	44.79	ng		100
71) Anthracene	17.32	178	1500595	46.16	ng		99
72) Carbazole	17.60	167	1368655	46.45	ng		98
73) Di-n-butylphthalate	18.14	149	1768764	41.79	ng	#	96
74) Fluoranthene	19.25	202	1801244	44.28	ng		98
76) Benzidine	19.44	184	1094003	52.03	ng		99
77) Pyrene	19.62	202	1860118	44.68	ng		99
79) Butylbenzylphthalate	20.50	149	858584	42.76	ng	#	63
80) Benzo(a)anthracene	21.36	228	2000271	47.65	ng		98
81) 3,3'-Dichlorobenzidine	21.30	252	414463	24.84	ng	#	96
82) Chrysene	21.41	228	1773915	44.95	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1288892	41.74	ng		95
84) Di-n-octyl phthalate	22.16	149	2214255	41.29	ng	#	82
85) Indeno(1,2,3-cd)pyrene	26.03	276	2060989	46.31	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1998041	48.99	ng	#	94
88) Benzo(k)fluoranthene	23.03	252	1844424	46.52	ng	#	98
89) Benzo(a)pyrene	23.58	252	1840534	48.10	ng		100
90) Dibenzo(a,h)anthracene	26.04	278	1792235	46.68	ng	#	94
91) Benzo(g,h,i)perylene	26.76	276	1602209	44.49	ng	#	92

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

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