Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009434.D
Acq On : 29 Mar 2017 16:10
Operator : SJ/MA
Sample : PB97904BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Manual Integrations APPROVED
mohammad
3/31/2017 8:21:40 AM

Quant Time: Mar 30 01:15:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	108240	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	411988	20.00	ng		-0.01
38) Acenaphthene-d10	14.50	164	233555	20.00	ng		0.00
63) Phenanthrene-d10	17.24	188	526249	20.00	ng		0.00
75) Chrysene-d12	21.42	240	639878	20.00	ng		0.00
86) Perylene-d12	23.74	264	600570	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	905640	139.46	ng		0.00
7) Phenol-d6	7.01	99	1240100	140.04	ng		-0.01
23) Nitrobenzene-d5	9.02	82	905175	82.38	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	420574	144.95	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	1702578	87.84	ng		-0.01
78) Terphenyl-d14	19.86	244	2329409	76.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	115960	35.51	ng	#	100
3) Pyridine	3.75	79	345297	37.42	ng	#	80
4) n-Nitrosodimethylamine	3.67	42	223216	45.44	ng	#	66
6) Aniline	7.19	93	297240	24.70	ng		97
8) 2-Chlorophenol	7.42	128	311828	47.36	ng	#	81
9) Benzaldehyde	7.00	77	80975	11.62	ng	#	81
10) Phenol	7.04	94	449450	46.84	ng		90
11) bis(2-Chloroethyl)ether	7.28	93	339732	43.20	ng		83
12) 1,3-Dichlorobenzene	7.74	146	338387	42.93	ng	#	91
13) 1,4-Dichlorobenzene	7.89	146	354240	43.49	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	334798	42.33	ng	#	93
15) Benzyl Alcohol	8.09	79	354379	45.77	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	559754	40.95	ng		96
17) 2-Methylphenol	8.29	107	286124	45.57	ng	#	85
18) Hexachloroethane	8.92	117	144542	43.38	ng		93
19) n-Nitroso-di-n-propylamine	8.66	70	313665	43.94	ng	#	91
20) 3+4-Methylphenols	8.61	107	374036	43.82	ng		88
22) Acetophenone	8.67	105	516357	44.44	ng	#	86
24) Nitrobenzene	9.06	77	470829	43.74	ng	#	90
25) Isophorone	9.57	82	751021	44.80	ng	#	90
26) 2-Nitrophenol	9.77	139	151412	46.63	ng	#	45
27) 2,4-Dimethylphenol	9.82	122	286169	48.18	ng	#	83
28) bis(2-Chloroethoxy)methane	10.06	93	454002	43.74	ng		98
29) 2,4-Dichlorophenol	10.29	162	292331	47.08	ng		91
30) 1,2,4-Trichlorobenzene	10.51	180	344594	44.73	ng		99
31) Naphthalene	10.70	128	943084	43.13	ng		99
32) Benzoic acid	9.93	122	164694	40.77	ng	#	81
33) 4-Chloroaniline	10.82	127	99925	11.85	ng	#	73
34) Hexachlorobutadiene	10.97	225	228489	43.31	ng		98
35) Caprolactam	11.59	113	84661m	44.66	ng		
36) 4-Chloro-3-methylphenol	11.93	107	325089	46.28	ng	#	76
37) 2-Methylnaphthalene	12.31	142	674358	44.68	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	390412	44.28	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	517976	102.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	249293	49.44	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	261810	46.54	ng	#	89
45) 1,1'-Biphenyl	13.33	154	890440	45.81	ng		95
46) 2-Chloronaphthalene	13.37	162	701730	46.48	ng		96
47) 2-Nitroaniline	13.58	65	256964	46.20	ng	#	72
48) Acenaphthylene	14.22	152	1102263	44.82	ng		99
49) Dimethylphthalate	13.95	163	848095	47.29	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	181532	46.98	ng	#	62
51) Acenaphthene	14.56	154	663332	44.71	ng		98
52) 3-Nitroaniline	14.41	138	80330	21.10	ng	#	49
53) 2,4-Dinitrophenol	14.62	184	193536	74.65	ng		87
54) Dibenzofuran	14.89	168	1081283	49.28	ng		95
55) 4-Nitrophenol	14.70	139	298214	94.77	ng	#	24
56) 2,4-Dinitrotoluene	14.86	165	253151	48.42	ng		98
57) Fluorene	15.54	166	868887	44.06	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	240458	50.54	ng	#	100
59) Diethylphthalate	15.32	149	849346	46.69	ng		98
60) 4-Chlorophenyl-phenylether	15.54	204	460465	44.71	ng		98
61) 4-Nitroaniline	15.57	138	176616	42.71	ng	#	26
62) Azobenzene	15.83	77	1103581	51.97	ng		85
64) 4,6-Dinitro-2-methylphenol	15.63	198	142927	43.11	ng		88
65) n-Nitrosodiphenylamine	15.76	169	757306	47.37	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	278152	45.62	ng	#	89
67) Hexachlorobenzene	16.54	284	307988	46.08	ng	#	94
68) Atrazine	16.70	200	256818	42.72	ng		98
69) Pentachlorophenol	16.89	266	365271	89.47	ng		98
70) Phenanthrene	17.29	178	1351241	44.90	ng		99
71) Anthracene	17.37	178	1400037	45.95	ng		99
72) Carbazole	17.65	167	1213102	41.58	ng		98
73) Di-n-butylphthalate	18.20	149	1377311	46.21	ng	#	97
74) Fluoranthene	19.30	202	1570390	44.06	ng		99
76) Benzidine	19.49	184	478302	25.08	ng		99
77) Pyrene	19.66	202	1630461	44.93	ng		98
79) Butylbenzylphthalate	20.55	149	603715	46.20	ng	#	73
80) Benzo(a)anthracene	21.40	228	1682836	45.03	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	332662	23.77	ng		98
82) Chrysene	21.46	228	1515688	42.48	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	892096	45.74	ng		97
84) Di-n-octyl phthalate	22.21	149	1546077	47.64	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	1927257	49.52	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	1728263	45.40	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	1606634	43.88	ng	#	97
89) Benzo(a)pyrene	23.64	252	1611826	45.72	ng		98
90) Dibenzo(a,h)anthracene	26.13	278	1636874	47.40	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	1605990	47.70	ng	#	92

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

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