Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009454.D
Acq On : 30 Mar 2017 17:09
Operator : SJ/MA
Sample : PB97931BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB97931BSD

Manual Integrations APPROVED
mohammad
3/31/2017 2:12:01 PM

Quant Time: Mar 31 08:54:29 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	131400	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	514733	20.00	ng		-0.01
38) Acenaphthene-d10	14.49	164	293056	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	666083	20.00	ng		0.00
75) Chrysene-d12	21.42	240	871422	20.00	ng		0.00
86) Perylene-d12	23.74	264	837855	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	729332	92.52	ng		-0.01
7) Phenol-d6	7.01	99	997359	92.78	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1093892	79.68	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	344144	94.53	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2067118	84.99	ng		-0.01
78) Terphenyl-d14	19.86	244	3095634	74.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	133274	33.62	ng	#	100
3) Pyridine	3.75	79	412680	36.84	ng	#	84
4) n-Nitrosodimethylamine	3.67	42	247245	41.46	ng	#	67
6) Aniline	7.18	93	288184	19.73	ng	#	87
8) 2-Chlorophenol	7.41	128	364392	45.59	ng	#	80
9) Benzaldehyde	7.00	77	86154	10.18	ng	#	82
10) Phenol	7.04	94	532529	45.72	ng		90
11) bis(2-Chloroethyl)ether	7.27	93	382812	40.10	ng		84
12) 1,3-Dichlorobenzene	7.74	146	391991	40.96	ng	#	89
13) 1,4-Dichlorobenzene	7.89	146	404751	40.93	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	381634	39.75	ng	#	93
15) Benzyl Alcohol	8.09	79	418527	44.53	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.38	45	649544	39.14	ng		96
17) 2-Methylphenol	8.29	107	332362	43.61	ng	#	88
18) Hexachloroethane	8.92	117	165222	40.85	ng		91
19) n-Nitroso-di-n-propylamine	8.65	70	361662	41.73	ng		93
20) 3+4-Methylphenols	8.62	107	452266	43.64	ng		90
22) Acetophenone	8.67	105	606324	41.77	ng	#	90
24) Nitrobenzene	9.06	77	541299	40.25	ng		91
25) Isophorone	9.57	82	890839	42.54	ng	#	90
26) 2-Nitrophenol	9.76	139	184600	45.51	ng	#	46
27) 2,4-Dimethylphenol	9.82	122	339369	45.73	ng	#	80
28) bis(2-Chloroethoxy)methane	10.06	93	536307	41.36	ng		99
29) 2,4-Dichlorophenol	10.29	162	351896	45.36	ng		93
30) 1,2,4-Trichlorobenzene	10.51	180	400683	41.63	ng		98
31) Naphthalene	10.70	128	1109233	40.60	ng		100
32) Benzoic acid	9.94	122	198124	39.26	ng	#	65
33) 4-Chloroaniline	10.82	127	105016	9.96	ng	#	83
34) Hexachlorobutadiene	10.97	225	264661	40.16	ng		97
35) Caprolactam	11.59	113	106237m	44.86	ng		
36) 4-Chloro-3-methylphenol	11.93	107	392504	44.72	ng	#	82
37) 2-Methylnaphthalene	12.31	142	800352	42.44	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	468044	42.30	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	582475	91.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	299065	47.27	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	313939	44.48	ng	#	88
45) 1,1'-Biphenyl	13.32	154	1064118	43.63	ng		96
46) 2-Chloronaphthalene	13.37	162	818386	43.20	ng		96
47) 2-Nitroaniline	13.58	65	316233	45.31	ng	#	71
48) Acenaphthylene	14.22	152	1310382	42.47	ng		99
49) Dimethylphthalate	13.95	163	1018826	45.28	ng	#	98
50) 2,6-Dinitrotoluene	14.07	165	224262	46.25	ng	#	71
51) Acenaphthene	14.56	154	797778	42.85	ng		99
52) 3-Nitroaniline	14.41	138	95689	20.03	ng	#	66
53) 2,4-Dinitrophenol	14.62	184	263152	80.44	ng		92
54) Dibenzofuran	14.89	168	1300178	47.22	ng		93
55) 4-Nitrophenol	14.71	139	368733	93.38	ng	#	24
56) 2,4-Dinitrotoluene	14.86	165	309148	47.13	ng		98
57) Fluorene	15.54	166	1060529	42.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	293140	49.10	ng	#	100
59) Diethylphthalate	15.32	149	1032310	45.23	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	551061	42.65	ng		99
61) 4-Nitroaniline	15.57	138	234833	45.26	ng	#	33
62) Azobenzene	15.83	77	1311446	49.22	ng		87
64) 4,6-Dinitro-2-methylphenol	15.63	198	180548	43.02	ng		92
65) n-Nitrosodiphenylamine	15.75	169	908706	44.91	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	340607	44.13	ng	#	92
67) Hexachlorobenzene	16.54	284	361133	42.69	ng	#	92
68) Atrazine	16.70	200	305237	40.11	ng		99
69) Pentachlorophenol	16.89	266	448013	86.70	ng		95
70) Phenanthrene	17.29	178	1656862	43.50	ng		99
71) Anthracene	17.37	178	1707291	44.27	ng		99
72) Carbazole	17.65	167	1536579	41.61	ng		98
73) Di-n-butylphthalate	18.20	149	1753373	46.48	ng	#	97
74) Fluoranthene	19.30	202	1997150	44.27	ng		98
76) Benzidine	19.49	184	735778	28.33	ng		99
77) Pyrene	19.66	202	2090139	42.29	ng		99
79) Butylbenzylphthalate	20.55	149	826429	46.44	ng	#	79
80) Benzo(a)anthracene	21.40	228	2217672	43.57	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	611486	32.08	ng	#	96
82) Chrysene	21.46	228	1980363	40.75	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1215297	45.76	ng		98
84) Di-n-octyl phthalate	22.21	149	2115893	47.87	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2535111	47.83	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2259411	42.54	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2173706m	42.56	ng		
89) Benzo(a)pyrene	23.64	252	2147335	43.66	ng		99
90) Dibenzo(a,h)anthracene	26.13	278	2164943	44.93	ng	#	94
91) Benzo(g,h,i)perylene	26.84	276	2072038	44.12	ng	#	92

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

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