Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021223.D
Acq On : 2 Mar 2016 21:39
Operator : UM/SJ
Sample : H1640-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EAST-1MSD

Manual Integrations APPROVED
Sohil
3/3/2016 8:23:25 AM

Quant Time: Mar 03 01:05:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 11:46:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10807	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	53252	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	31531	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	68972	20.00	ng		0.00
75) Chrysene-d12	21.77	240	76234	20.00	ng		0.00
86) Perylene-d12	25.04	264	70859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	110453	162.48	ng		0.00
7) Phenol-d6	7.30	99	178587	159.77	ng		0.00
23) Nitrobenzene-d5	9.31	82	127961	101.68	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	56050	170.85	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	227546	102.48	ng		0.00
78) Terphenyl-d14	20.09	244	330007	104.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	9777	32.02	ng		89
3) Pyridine	3.99	79	33257	34.46	ng		97
4) n-Nitrosodimethylamine	3.90	42	18045	37.12	ng		97
6) Aniline	7.47	93	29791	20.10	ng	#	89
8) 2-Chlorophenol	7.71	128	45182	54.22	ng		88
9) Benzaldehyde	7.28	77	5633	8.07	ng		81
10) Phenol	7.33	94	64939	54.50	ng		80
11) bis(2-Chloroethyl)ether	7.56	93	43124	46.95	ng		96
12) 1,3-Dichlorobenzene	8.03	146	40591	47.50	ng	#	93
13) 1,4-Dichlorobenzene	8.18	146	41651	47.34	ng		96
14) 1,2-Dichlorobenzene	8.50	146	42576	50.74	ng		98
15) Benzyl Alcohol	8.38	79	53080	52.00	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	64011	40.37	ng		94
17) 2-Methylphenol	8.58	107	44834	54.38	ng	#	88
18) Hexachloroethane	9.23	117	17312	46.99	ng		91
19) n-Nitroso-di-n-propylamine	8.95	70	44374	42.97	ng		92
20) 3+4-Methylphenols	8.91	107	61758	52.89	ng		94
22) Acetophenone	8.97	105	74107	46.77	ng	#	96
24) Nitrobenzene	9.35	77	67336	49.02	ng		90
25) Isophorone	9.88	82	121502	44.55	ng	#	96
26) 2-Nitrophenol	10.07	139	26691	53.35	ng	#	67
27) 2,4-Dimethylphenol	10.12	122	46724	52.06	ng		88
28) bis(2-Chloroethoxy)methane	10.35	93	63124	49.85	ng		99
29) 2,4-Dichlorophenol	10.60	162	46581	57.61	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	44783	54.91	ng		95
31) Naphthalene	11.01	128	146256	52.68	ng		99
32) Benzoic acid	10.20	122	6676	13.41	ng		84
33) 4-Chloroaniline	11.11	127	15583	12.17	ng	#	87
34) Hexachlorobutadiene	11.28	225	27971	56.34	ng		92
35) Caprolactam	11.92	113	17730m	44.97	ng		
36) 4-Chloro-3-methylphenol	12.23	107	60694	49.48	ng		85
37) 2-Methylnaphthalene	12.60	142	108031	54.65	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	54053	57.09	ng		99
40) Hexachlorocyclopentadiene	12.94	237	40871	78.72	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	41808	58.79	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	43901	57.73	ng		92
45) 1,1'-Biphenyl	13.60	154	137230	52.92	ng		97
46) 2-Chloronaphthalene	13.64	162	107128	55.04	ng		98
47) 2-Nitroaniline	13.84	65	46592	49.11	ng	#	74
48) Acenaphthylene	14.48	152	169087	51.31	ng		99
49) Dimethylphthalate	14.21	163	183002	65.13	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	30681	52.18	ng	#	70
51) Acenaphthene	14.82	154	104343	49.87	ng		99
52) 3-Nitroaniline	14.66	138	20287	31.10	ng	#	73
53) 2,4-Dinitrophenol	14.87	184	18439	56.74	ng		92
54) Dibenzofuran	15.15	168	156907	56.16	ng		93
55) 4-Nitrophenol	14.97	139	54963	101.59	ng	#	63
56) 2,4-Dinitrotoluene	15.12	165	43334	51.17	ng	#	83
57) Fluorene	15.80	166	134056	50.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	36673	60.29	ng	#	96
59) Diethylphthalate	15.56	149	146896	47.30	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	66995	50.41	ng		98
61) 4-Nitroaniline	15.82	138	31980	45.90	ng	#	64
62) Azobenzene	16.08	77	162987	48.86	ng		95
64) 4,6-Dinitro-2-methylphenol	15.88	198	20736	43.85	ng		92
65) n-Nitrosodiphenylamine	16.01	169	119744	56.46	ng		95
66) 4-Bromophenyl-phenylether	16.68	248	39946	55.41	ng	#	89
67) Hexachlorobenzene	16.80	284	39744	56.81	ng	#	87
68) Atrazine	16.95	200	44799	61.69	ng		97
69) Pentachlorophenol	17.15	266	51227	112.08	ng		94
70) Phenanthrene	17.54	178	200144	53.77	ng		99
71) Anthracene	17.63	178	202044	53.05	ng		99
72) Carbazole	17.90	167	188918	55.93	ng		98
73) Di-n-butylphthalate	18.44	149	237804	50.08	ng	#	98
74) Fluoranthene	19.54	202	229294	52.44	ng		98
76) Benzidine	19.71	184	77979	36.56	ng		99
77) Pyrene	19.89	202	232906	51.21	ng		98
79) Butylbenzylphthalate	20.77	149	110683	47.69	ng		89
80) Benzo(a)anthracene	21.75	228	233315	51.69	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	42836	25.08	ng		96
82) Chrysene	21.82	228	209692	49.03	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	165468	48.64	ng		97
84) Di-n-octyl phthalate	22.87	149	285242	50.34	ng	#	97
85) Indeno(1,2,3-cd)pyrene	28.80	276	235009	47.92	ng	#	72
87) Benzo(b)fluoranthene	24.00	252	232254	52.11	ng		98
88) Benzo(k)fluoranthene	24.07	252	228776	51.25	ng		97
89) Benzo(a)pyrene	24.90	252	225526	52.33	ng		96
90) Dibenzo(a,h)anthracene	28.86	278	204638	48.00	ng		97
91) Benzo(g,h,i)perylene	29.97	276	173498	42.13	ng		95

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

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