Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022198.D
Acq On : 7 Jun 2016 10:40
Operator : UM/SJ
Sample : H3424-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CTM-2(7.5-10)MS

Manual Integrations APPROVED
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6/7/2016 7:29:17 PM

Quant Time: Jun 07 17:39:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28098	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	143560	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	86257	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	201218	20.00	ng		0.00
75) Chrysene-d12	21.77	240	189471	20.00	ng		0.00
86) Perylene-d12	25.06	264	182856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	260923	179.54	ng		0.00
7) Phenol-d6	7.28	99	389042	170.27	ng		0.00
23) Nitrobenzene-d5	9.29	82	206225	100.15	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	149768	153.66	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	547957	96.81	ng		0.00
78) Terphenyl-d14	20.08	244	764038	95.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	25032	35.92	ng	#	74
3) Pyridine	3.92	79	72455	38.48	ng		97
4) n-Nitrosodimethylamine	3.84	42	20851	49.52	ng		94
6) Aniline	7.44	93	92135	31.74	ng	#	83
8) 2-Chlorophenol	7.68	128	107599	53.57	ng	#	77
9) Benzaldehyde	7.26	77	7005	5.57	ng		94
10) Phenol	7.31	94	133771	56.79	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	91459	48.69	ng	#	70
12) 1,3-Dichlorobenzene	8.00	146	99325	46.13	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	104170	48.56	ng		93
14) 1,2-Dichlorobenzene	8.47	146	101729	47.04	ng		95
15) Benzyl Alcohol	8.36	79	70752	47.93	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.65	45	92953	47.70	ng		83
17) 2-Methylphenol	8.57	107	93385	53.12	ng	#	87
18) Hexachloroethane	9.20	117	36764	46.93	ng	#	79
19) n-Nitroso-di-n-propylamine	8.92	70	71863	46.46	ng	#	69
20) 3+4-Methylphenols	8.89	107	128157	50.83	ng		96
22) Acetophenone	8.94	105	148602	48.03	ng	#	82
24) Nitrobenzene	9.33	77	105104	50.76	ng	#	80
25) Isophorone	9.85	82	216820	45.01	ng	#	93
26) 2-Nitrophenol	10.05	139	57866	51.53	ng	#	71
27) 2,4-Dimethylphenol	10.10	122	105872	52.09	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	133435	48.35	ng		95
29) 2,4-Dichlorophenol	10.58	162	103019	54.72	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	101830	48.40	ng		95
31) Naphthalene	10.99	128	341088	47.60	ng	#	95
33) 4-Chloroaniline	11.10	127	55123	18.50	ng	#	87
34) Hexachlorobutadiene	11.26	225	54310	48.09	ng		94
35) Caprolactam	11.87	113	43872m	42.48	ng		
36) 4-Chloro-3-methylphenol	12.22	107	113637	50.92	ng	#	83
37) 2-Methylnaphthalene	12.58	142	250112	47.28	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	110700	49.86	ng		98
40) Hexachlorocyclopentadiene	12.92	237	110806	96.73	ng		98
42) 2,4,6-Trichlorophenol	13.19	196	80252	53.88	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	88383	53.71	ng		96
45) 1,1'-Biphenyl	13.58	154	324365	49.97	ng		96
46) 2-Chloronaphthalene	13.63	162	252773	50.80	ng		95
47) 2-Nitroaniline	13.84	65	58806	49.56	ng	#	50
48) Acenaphthylene	14.47	152	431745	49.45	ng		97
49) Dimethylphthalate	14.20	163	379310	53.04	ng		98
50) 2,6-Dinitrotoluene	14.32	165	76645	49.30	ng	#	78
51) Acenaphthene	14.81	154	258084	49.34	ng		99
52) 3-Nitroaniline	14.66	138	48906	28.36	ng	#	75
53) 2,4-Dinitrophenol	14.87	184	35062	58.61	ng	#	70
54) Dibenzofuran	15.14	168	403143	49.38	ng		98
55) 4-Nitrophenol	14.98	139	123042	103.39	ng	#	74
56) 2,4-Dinitrotoluene	15.11	165	105621	50.65	ng	#	81
57) Fluorene	15.80	166	339698	48.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	72299	48.98	ng		98
59) Diethylphthalate	15.55	149	355560	46.54	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	156583	49.17	ng		95
61) 4-Nitroaniline	15.83	138	83785	45.81	ng		80
62) Azobenzene	16.07	77	285426	49.33	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	44528	44.14	ng	#	82
65) n-Nitrosodiphenylamine	16.00	169	292074	50.39	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	94207	49.97	ng		94
67) Hexachlorobenzene	16.79	284	105433	47.98	ng		96
68) Atrazine	16.94	200	101121	47.13	ng		99
69) Pentachlorophenol	17.15	266	99035	97.77	ng		96
70) Phenanthrene	17.53	178	524888	48.03	ng		97
71) Anthracene	17.62	178	518232	47.81	ng		97
72) Carbazole	17.89	167	498569	48.57	ng		98
73) Di-n-butylphthalate	18.43	149	636950	47.46	ng		98
74) Fluoranthene	19.54	202	591482	47.08	ng		98
76) Benzidine	19.72	184	161309	32.56	ng		98
77) Pyrene	19.90	202	587109	49.84	ng		99
79) Butylbenzylphthalate	20.76	149	285403	52.25	ng		92
80) Benzo(a)anthracene	21.75	228	532386	50.11	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	83453	27.98	ng		99
82) Chrysene	21.82	228	512233	49.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	413267	51.44	ng		98
84) Di-n-octyl phthalate	22.85	149	689633	51.70	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.83	276	597496	51.51	ng	#	84
87) Benzo(b)fluoranthene	24.02	252	528135	49.52	ng	#	98
88) Benzo(k)fluoranthene	24.08	252	525822	50.09	ng	#	96
89) Benzo(a)pyrene	24.90	252	510843	50.10	ng		97
90) Dibenzo(a,h)anthracene	28.90	278	490205	51.04	ng	#	93
91) Benzo(g,h,i)perylene	30.03	276	497637	49.80	ng	#	94

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

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