Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027250.D
Acq On : 6 Jun 2017 15:34
Operator : SJ/MA
Sample : I3437-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1MS

Manual Integrations APPROVED

Quant Time: Jun 06 18:50:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.56	152	51115	20.00	ng	-0.01	
21) Naphthalene-d8	11.38	136	251343	20.00	ng	-0.01	
38) Acenaphthene-d10	15.15	164	165344	20.00	ng	0.00	
63) Phenanthrene-d10	17.90	188	385732	20.00	ng	-0.01	
75) Chrysene-d12	22.29	240	435962	20.00	ng	-0.02	
86) Perylene-d12	25.99	264	409508	20.00	ng	-0.03	mohammad
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	126467	37.75	ng	0.00	
7) Phenol-d6	7.70	99	604850	123.01	ng	0.00	
23) Nitrobenzene-d5	9.73	82	433719	108.52	ng	-0.01	6/8/2017 8:24:40 AM
41) 2,4,6-Tribromophenol	16.63	330	59796	27.46	ng	-0.01	
44) 2-Fluorobiphenyl	13.78	172	1030865	87.22	ng	-0.01	
78) Terphenyl-d14	20.48	244	1471874	86.13	ng	-0.01	
Target Compounds						Qvalue	
2) 1,4-Dioxane	4.16	88	54536	39.265	ng	# 80	
3) Pyridine	4.54	79	164820	38.495	ng	# 73	
4) n-Nitrosodimethylamine	4.45	42	77898	49.137	ng	# 51	
6) Aniline	7.89	93	171526	27.701	ng	93	
8) 2-Chlorophenol	8.13	128	118097	33.389	ng	90	
9) Benzaldehyde	7.71	77	107433	31.601	ng	84	
10) Phenol	7.72	94	260327	51.772	ng	77	
11) bis(2-Chloroethyl)ether	7.97	93	192601	46.690	ng	85	
12) 1,3-Dichlorobenzene	8.46	146	181345m	45.456	ng		
13) 1,4-Dichlorobenzene	8.60	146	187355	45.760	ng	94	
14) 1,2-Dichlorobenzene	8.92	146	182566	45.717	ng	94	
15) Benzyl Alcohol	8.79	79	195311	56.376	ng	# 84	
16) 2,2'-oxybis(1-Chloropropan	9.08	45	289219	49.000	ng	92	
17) 2-Methylphenol	8.98	107	188595	53.060	ng	# 86	
18) Hexachloroethane	9.66	117	65192	47.268	ng	85	
19) n-Nitroso-di-n-propylamine	9.36	70	165582	48.137	ng	# 86	
20) 3+4-Methylphenols	9.30	107	258490	52.500	ng	90	
22) Acetophenone	9.39	105	306496	47.683	ng	# 83	
24) Nitrobenzene	9.78	77	234762	51.560	ng	# 85	
25) Isophorone	10.29	82	461432	49.101	ng	# 97	
26) 2-Nitrophenol	10.49	139	38545	24.650	ng	# 80	
27) 2,4-Dimethylphenol	10.52	122	200767	49.687	ng	93	
28) bis(2-Chloroethoxy)methane	10.76	93	294151	48.340	ng	99	
29) 2,4-Dichlorophenol	11.02	162	113148	30.674	ng	97	
30) 1,2,4-Trichlorobenzene	11.24	180	192212	47.059	ng	99	
31) Naphthalene	11.44	128	630821	45.922	ng	99	
33) 4-Chloroaniline	11.53	127	169805	29.665	ng	# 89	
34) Hexachlorobutadiene	11.71	225	112204	44.698	ng	97	
35) Caprolactam	12.30	113	76072	60.131	ng	# 72	
36) 4-Chloro-3-methylphenol	12.61	107	246849	53.393	ng	91	
37) 2-Methylnaphthalene	13.01	142	476576m	47.561	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	234476	45.521	ng	99	
40) Hexachlorocyclopentadiene	13.34	237	270533	98.679	ng	94	
42) 2,4,6-Trichlorophenol	13.59	196	29873	9.562	ng	95	

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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)
43) 2,4,5-Trichlorophenol	13.66	196	67662	19.354	ng		96
45) 1,1'-Biphenyl	13.99	154	632671	46.878	ng		97
46) 2-Chloronaphthalene	14.03	162	481729	47.609	ng		99
47) 2-Nitroaniline	14.23	65	163644	55.608	ng	#	80
48) Acenaphthylene	14.87	152	771834	45.072	ng		99
49) Dimethylphthalate	14.59	163	821432	62.627	ng		98
50) 2,6-Dinitrotoluene	14.71	165	138203	51.414	ng	#	78
51) Acenaphthene	15.22	154	476850	42.810	ng		97
52) 3-Nitroaniline	15.05	138	120946	43.833	ng		83
53) 2,4-Dinitrophenol	15.23	184	421	5.110	ng	#	1
54) Dibenzofuran	15.54	168	774929	49.784	ng		92
55) 4-Nitrophenol	15.32	139	9249	9.572	ng	#	53
56) 2,4-Dinitrotoluene	15.49	165	186500	53.733	ng	#	86
57) Fluorene	16.19	166	624173	45.146	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.76	232	20778m	6.658	ng		
59) Diethylphthalate	15.94	149	652190	49.851	ng		98
60) 4-Chlorophenyl-phenylether	16.17	204	324808	46.639	ng		94
61) 4-Nitroaniline	16.20	138	150653	52.620	ng	#	66
62) Azobenzene	16.47	77	644169	53.125	ng		90
64) 4,6-Dinitro-2-methylphenol	16.25	198	4657	8.113	ng	#	65
65) n-Nitrosodiphenylamine	16.38	169	572559	47.346	ng		99
66) 4-Bromophenyl-phenylether	17.07	248	214759	47.041	ng		96
67) Hexachlorobenzene	17.20	284	228912	46.617	ng		91
68) Atrazine	17.32	200	214406	53.019	ng		98
69) Pentachlorophenol	17.54	266	24424	8.485	ng		98
70) Phenanthrene	17.94	178	1008114	46.452	ng		95
71) Anthracene	18.04	178	1020923	46.957	ng		99
72) Carbazole	18.29	167	910500	44.400	ng		96
73) Di-n-butylphthalate	18.83	149	1074305	54.026	ng	#	94
74) Fluoranthene	19.93	202	1119900	48.304	ng		95
76) Benzidine	20.10	184	520566	39.639	ng		98
77) Pyrene	20.29	202	1157040	43.925	ng		98
79) Butylbenzylphthalate	21.19	149	485206	52.130	ng		92
80) Benzo(a)anthracene	22.27	228	1151199	46.303	ng		96
81) 3,3'-Dichlorobenzidine	22.16	252	299882	31.005	ng	#	97
82) Chrysene	22.34	228	1075944	45.076	ng		97
83) Bis(2-ethylhexyl)phthalate	22.14	149	708618	50.379	ng		100
84) Di-n-octyl phthalate	23.52	149	1207549	51.835	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.26	276	1374807	47.558	ng	#	93
87) Benzo(b)fluoranthene	24.80	252	1178711	46.411	ng	#	96
88) Benzo(k)fluoranthene	24.89	252	1139353	45.728	ng	#	93
89) Benzo(a)pyrene	25.82	252	1127403	47.155	ng	#	95
90) Dibenzo(a,h)anthracene	30.35	278	1175239	46.958	ng	#	95
91) Benzo(g,h,i)perylene	31.60	276	1121153	46.256	ng	#	89

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

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