Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032351.D
Acq On : 27 Jan 2018 11:45
Operator : SJ/JU
Sample : J1328-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-1-2MS

Quant Time: Jan 27 23:16:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	39458	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	155126	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	107394	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	279147	20.00	ng		0.00
75) Chrysene-d12	22.43	240	353097	20.00	ng		0.00
86) Perylene-d12	26.12	264	385463	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	260117	120.57	ng		0.00
7) Phenol-d6	7.84	99	290796	107.02	ng		0.00
23) Nitrobenzene-d5	9.93	82	218953	95.49	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	261884	147.36	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	763104	88.11	ng		0.00
78) Terphenyl-d14	20.63	244	1473231	92.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	26155	31.556	ng	#	73
3) Pyridine	4.29	79	54873	24.803	ng	#	82
4) n-Nitrosodimethylamine	4.19	42	44110	56.751	ng	#	69
6) Aniline	8.02	93	52155	15.218	ng		95
8) 2-Chlorophenol	8.28	128	105066	43.521	ng	#	80
9) Benzaldehyde	7.82	77	43837	27.845	ng	#	79
10) Phenol	7.87	94	97495	36.425	ng		89
11) bis(2-Chloroethyl)ether	8.11	93	82736	38.583	ng	#	79
12) 1,3-Dichlorobenzene	8.61	146	131127	41.501	ng		97
13) 1,4-Dichlorobenzene	8.76	146	131646	41.381	ng		92
14) 1,2-Dichlorobenzene	9.09	146	126318	41.052	ng		95
15) Benzyl Alcohol	8.96	79	88561	44.866	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	9.25	45	76749	35.218	ng		79
17) 2-Methylphenol	9.16	107	81373	39.781	ng		93
18) Hexachloroethane	9.85	117	43168	44.152	ng	#	76
19) n-Nitroso-di-n-propylamine	9.54	70	69353	41.138	ng	#	91
20) 3+4-Methylphenols	9.50	107	107702	38.007	ng		90
22) Acetophenone	9.57	105	151533	43.004	ng	#	92
24) Nitrobenzene	9.97	77	104842	45.840	ng	#	89
25) Isophorone	10.49	82	189350	44.349	ng	#	84
26) 2-Nitrophenol	10.69	139	65526	48.351	ng	#	83
27) 2,4-Dimethylphenol	10.73	122	103842	48.286	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	111879	43.493	ng	#	95
29) 2,4-Dichlorophenol	11.23	162	130079	49.157	ng		89
30) 1,2,4-Trichlorobenzene	11.46	180	150625	44.074	ng		97
31) Naphthalene	11.66	128	332930	43.324	ng		98
32) Benzoic acid	10.83	122	21346	16.274	ng	#	77
33) 4-Chloroaniline	11.76	127	18832	5.715	ng		93
34) Hexachlorobutadiene	11.93	225	118911	48.444	ng		97
35) Caprolactam	12.50	113	27493	34.247	ng	#	39
36) 4-Chloro-3-methylphenol	12.83	107	117721	48.602	ng	#	85
37) 2-Methylnaphthalene	13.22	142	266862	43.741	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	212000	45.287	ng		96
40) Hexachlorocyclopentadiene	13.55	237	282121	106.999	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	127908	48.628	ng		97
43) 2,4,5-Trichlorophenol	13.88	196	140883	46.273	ng	#	90
45) 1,1'-Biphenyl	14.20	154	383754	41.682	ng		94
46) 2-Chloronaphthalene	14.25	162	298848	41.726	ng		96
47) 2-Nitroaniline	14.44	65	70812	51.646	ng	#	79
48) Acenaphthylene	15.09	152	440354	40.375	ng		99
49) Dimethylphthalate	14.79	163	412579	43.901	ng		98
50) 2,6-Dinitrotoluene	14.92	165	92777	47.562	ng	#	76
51) Acenaphthene	15.43	154	334355	46.362	ng		99
52) 3-Nitroaniline	15.25	138	31573	17.921	ng	#	76
53) 2,4-Dinitrophenol	15.45	184	85701	86.922	ng	#	68
54) Dibenzofuran	15.76	168	478101	44.440	ng		96
55) 4-Nitrophenol	15.54	139	113048	88.047	ng	#	77
56) 2,4-Dinitrotoluene	15.70	165	134509	51.217	ng	#	68
57) Fluorene	16.40	166	384458	43.573	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	151564	53.813	ng	#	85
59) Diethylphthalate	16.14	149	402225	44.148	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	252135	46.583	ng		94
61) 4-Nitroaniline	16.41	138	67409	39.886	ng		84
62) Azobenzene	16.67	77	252070	44.203	ng		85
64) 4,6-Dinitro-2-methylphenol	16.46	198	72199	41.181	ng	#	70
65) n-Nitrosodiphenylamine	16.59	169	362277	42.769	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	181146	45.609	ng		95
67) Hexachlorobenzene	17.40	284	191358	43.548	ng	#	92
68) Atrazine	17.51	200	170078	47.745	ng		97
69) Pentachlorophenol	17.74	266	228224	81.257	ng		98
70) Phenanthrene	18.14	178	678346	43.646	ng		100
71) Anthracene	18.23	178	692000	44.642	ng		98
72) Carbazole	18.49	167	586874	43.643	ng		99
73) Di-n-butylphthalate	18.99	149	665499	41.882	ng		100
74) Fluoranthene	20.10	202	910217	46.776	ng		94
76) Benzidine	20.26	184	200453	22.702	ng		99
77) Pyrene	20.46	202	909557	40.977	ng		99
79) Butylbenzylphthalate	21.32	149	310662	39.063	ng	#	75
80) Benzo(a)anthracene	22.41	228	974932	44.397	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	126925	15.473	ng	#	96
82) Chrysene	22.48	228	913698	43.326	ng		98
83) Bis(2-ethylhexyl)phthalate	22.25	149	431183	36.972	ng	#	99
84) Di-n-octyl phthalate	23.62	149	748761	40.425	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.41	276	1229668	47.646	ng	#	83
87) Benzo(b)fluoranthene	24.94	252	1033444	44.355	ng	#	95
88) Benzo(k)fluoranthene	25.02	252	1018060	44.716	ng	#	95
89) Benzo(a)pyrene	25.95	252	1017054	46.145	ng	#	95
90) Dibenzo(a,h)anthracene	30.48	278	1034352	48.701	ng	#	92
91) Benzo(g,h,i)perylene	31.75	276	1031588	47.521	ng	#	91

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

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