Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032446.D
Acq On : 30 Jan 2018 17:51
Operator : SJ/JU
Sample : J1019-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-03-012918-AMS

Quant Time: Jan 31 00:43:33 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28263	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	107321	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	75231	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	211291	20.00	ng		0.00
75) Chrysene-d12	22.41	240	271012	20.00	ng		0.00
86) Perylene-d12	26.09	264	290013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	185690	131.96	ng		0.01
7) Phenol-d6	7.85	99	211266	112.51	ng		0.02
23) Nitrobenzene-d5	9.92	82	157106	91.44	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	219544	153.31	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	552967	87.36	ng		-0.01
78) Terphenyl-d14	20.62	244	1225598	96.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	18809	39.729	ng	#	74
3) Pyridine	4.29	79	41556	32.507	ng	#	79
4) n-Nitrosodimethylamine	4.18	42	33723	50.676	ng	#	72
6) Aniline	8.02	93	86295	36.860	ng		95
8) 2-Chlorophenol	8.28	128	82060	49.335	ng	#	80
9) Benzaldehyde	7.82	77	28939	29.840	ng	#	79
10) Phenol	7.88	94	75341	42.252	ng		86
11) bis(2-Chloroethyl)ether	8.11	93	64079	47.163	ng	#	79
12) 1,3-Dichlorobenzene	8.61	146	95672	42.532	ng		94
13) 1,4-Dichlorobenzene	8.76	146	97349	43.179	ng		93
14) 1,2-Dichlorobenzene	9.09	146	94345	42.717	ng		98
15) Benzyl Alcohol	8.96	79	68831	44.478	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.24	45	55572	43.164	ng		75
17) 2-Methylphenol	9.16	107	62412	43.095	ng		96
18) Hexachloroethane	9.83	117	32892	43.453	ng		91
19) n-Nitroso-di-n-propylamine	9.53	70	50692	40.717	ng	#	94
20) 3+4-Methylphenols	9.50	107	81773	40.253	ng		96
22) Acetophenone	9.56	105	112710	44.802	ng	#	92
24) Nitrobenzene	9.96	77	80913	48.699	ng		92
25) Isophorone	10.49	82	146833	50.188	ng	#	83
26) 2-Nitrophenol	10.69	139	48008	47.799	ng	#	84
27) 2,4-Dimethylphenol	10.73	122	78061	54.150	ng		96
28) bis(2-Chloroethoxy)methane	10.96	93	82763	51.587	ng	#	93
29) 2,4-Dichlorophenol	11.24	162	98364	51.508	ng		86
30) 1,2,4-Trichlorobenzene	11.45	180	112317	44.128	ng		99
31) Naphthalene	11.65	128	248853	47.476	ng		98
32) Benzoic acid	10.87	122	43236	41.387	ng		85
33) 4-Chloroaniline	11.75	127	48249	20.638	ng		95
34) Hexachlorobutadiene	11.91	225	87041	43.954	ng		94
35) Caprolactam	12.50	113	24051	43.871	ng	#	41
36) 4-Chloro-3-methylphenol	12.83	107	93040	51.363	ng		89
37) 2-Methylnaphthalene	13.21	142	202291	45.938	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	159113	45.209	ng		97
40) Hexachlorocyclopentadiene	13.54	237	209656	95.340	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	98968	51.696	ng		97
43) 2,4,5-Trichlorophenol	13.88	196	110359	49.451	ng	#	91
45) 1,1'-Biphenyl	14.19	154	285783	44.963	ng		95
46) 2-Chloronaphthalene	14.25	162	226378	45.442	ng		97
47) 2-Nitroaniline	14.43	65	55085	50.002	ng	#	70
48) Acenaphthylene	15.08	152	346655	46.030	ng		98
49) Dimethylphthalate	14.78	163	330774	47.685	ng		98
50) 2,6-Dinitrotoluene	14.92	165	74512	51.179	ng	#	70
51) Acenaphthene	15.41	154	285525	54.668	ng		99
52) 3-Nitroaniline	15.24	138	43984	34.587	ng	#	72
53) 2,4-Dinitrophenol	15.45	184	103001	111.627	ng	#	54
54) Dibenzofuran	15.74	168	375703	48.600	ng		96
55) 4-Nitrophenol	15.54	139	102189	107.336	ng	#	76
56) 2,4-Dinitrotoluene	15.69	165	108299	52.244	ng	#	68
57) Fluorene	16.39	166	313886	48.863	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	122002	55.428	ng	#	86
59) Diethylphthalate	16.13	149	334535	49.517	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	195513	48.266	ng		96
61) 4-Nitroaniline	16.41	138	62661	45.972	ng	#	75
62) Azobenzene	16.66	77	193830	48.009	ng	#	82
64) 4,6-Dinitro-2-methylphenol	16.45	198	71710	45.430	ng	#	72
65) n-Nitrosodiphenylamine	16.58	169	285891	45.339	ng		98
66) 4-Bromophenyl-phenylether	17.26	248	149434	47.739	ng		95
67) Hexachlorobenzene	17.39	284	158462	45.744	ng	#	91
68) Atrazine	17.50	200	64877	23.967	ng		94
69) Pentachlorophenol	17.73	266	209181	96.395	ng		96
70) Phenanthrene	18.13	178	563126	47.791	ng		100
71) Anthracene	18.22	178	582281	49.630	ng		98
72) Carbazole	18.48	167	495815	47.829	ng		100
73) Di-n-butylphthalate	18.99	149	588809	51.302	ng		98
74) Fluoranthene	20.09	202	765103	49.513	ng		95
76) Benzidine	20.27	184	14484	2.722	ng	#	86
77) Pyrene	20.45	202	770180	46.334	ng		99
79) Butylbenzylphthalate	21.31	149	267984	51.112	ng	#	73
80) Benzo(a)anthracene	22.40	228	833460	49.607	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	102994	15.822	ng	#	96
82) Chrysene	22.47	228	773978	47.701	ng		97
83) Bis(2-ethylhexyl)phthalate	22.23	149	383282	51.557	ng	#	98
84) Di-n-octyl phthalate	23.61	149	654866	55.537	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.37	276	1059374	51.611	ng	#	83
87) Benzo(b)fluoranthene	24.92	252	901949	51.472	ng	#	95
88) Benzo(k)fluoranthene	25.00	252	854562	49.229	ng	#	96
89) Benzo(a)pyrene	25.92	252	861952	51.596	ng	#	96
90) Dibenzo(a,h)anthracene	30.44	278	890660	52.117	ng	#	94
91) Benzo(g,h,i)perylene	31.71	276	883140	52.063	ng	#	92

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

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