Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032412.D
Acq On : 29 Jan 2018 13:06
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Jan 29 13:40:29 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 12:57:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25358	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	113364	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	82893	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	217315	20.00	ng		0.00
75) Chrysene-d12	22.42	240	260446	20.00	ng		0.00
86) Perylene-d12	26.10	264	282946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	156562	112.92	ng		0.00
7) Phenol-d6	7.84	99	212236	121.54	ng		0.00
23) Nitrobenzene-d5	9.92	82	221755	132.34	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	196624	143.34	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	817278	122.25	ng		0.00
78) Terphenyl-d14	20.63	244	1371059	116.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	24039	45.130	ng	#	73
3) Pyridine	4.27	79	74224	52.204	ng	#	85
4) n-Nitrosodimethylamine	4.18	42	36700	73.473	ng	#	72
6) Aniline	8.02	93	130172	59.101	ng		95
8) 2-Chlorophenol	8.27	128	91370	58.892	ng	#	81
9) Benzaldehyde	7.82	77	42443	41.950	ng		89
10) Phenol	7.87	94	100694	58.539	ng		90
11) bis(2-Chloroethyl)ether	8.11	93	76474	55.493	ng	#	79
12) 1,3-Dichlorobenzene	8.61	146	123474	60.808	ng		96
13) 1,4-Dichlorobenzene	8.76	146	123273	60.295	ng		98
14) 1,2-Dichlorobenzene	9.09	146	119178	60.268	ng		96
15) Benzyl Alcohol	8.96	79	90150	71.066	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.25	45	69379	49.538	ng		84
17) 2-Methylphenol	9.16	107	79432	60.424	ng		93
18) Hexachloroethane	9.85	117	40468	64.405	ng	#	78
19) n-Nitroso-di-n-propylamine	9.54	70	72389	66.814	ng	#	89
20) 3+4-Methylphenols	9.50	107	116867	64.173	ng		94
22) Acetophenone	9.56	105	156673	60.842	ng	#	92
24) Nitrobenzene	9.97	77	107837	64.519	ng		90
25) Isophorone	10.49	82	190738	61.132	ng	#	80
26) 2-Nitrophenol	10.69	139	67130	67.783	ng	#	81
27) 2,4-Dimethylphenol	10.73	122	93352	59.399	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	104746	55.720	ng	#	97
29) 2,4-Dichlorophenol	11.23	162	127598	65.982	ng		87
30) 1,2,4-Trichlorobenzene	11.46	180	159407	63.827	ng		98
31) Naphthalene	11.66	128	334031	59.481	ng		98
32) Benzoic acid	10.89	122	67850	58.791	ng	#	78
33) 4-Chloroaniline	11.75	127	150971	62.691	ng		92
34) Hexachlorobutadiene	11.93	225	121859	67.933	ng		96
35) Caprolactam	12.52	113	37027	63.113	ng	#	51
36) 4-Chloro-3-methylphenol	12.83	107	118370	66.873	ng	#	87
37) 2-Methylnaphthalene	13.22	142	278278	62.415	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	232043	64.219	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	150132	73.770	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	131149	64.598	ng		97
43) 2,4,5-Trichlorophenol	13.88	196	151719	64.561	ng	#	92
45) 1,1'-Biphenyl	14.20	154	419986	59.101	ng		95
46) 2-Chloronaphthalene	14.25	162	328513	59.425	ng		96
47) 2-Nitroaniline	14.44	65	74186	70.099	ng	#	72
48) Acenaphthylene	15.09	152	503559	59.817	ng		98
49) Dimethylphthalate	14.79	163	458882	63.261	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	101237	67.238	ng	#	71
51) Acenaphthene	15.42	154	355510	63.866	ng		96
52) 3-Nitroaniline	15.25	138	88178	64.843	ng	#	76
53) 2,4-Dinitrophenol	15.45	184	60874	96.166	ng	#	62
54) Dibenzofuran	15.75	168	504457	60.749	ng		97
55) 4-Nitrophenol	15.53	139	65450	66.042	ng	#	73
56) 2,4-Dinitrotoluene	15.70	165	141831	69.968	ng	#	68
57) Fluorene	16.40	166	420627	61.762	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	150398	69.182	ng	#	84
59) Diethylphthalate	16.13	149	441150	62.732	ng		95
60) 4-Chlorophenyl-phenylether	16.37	204	266898	63.886	ng		93
61) 4-Nitroaniline	16.41	138	91103	69.839	ng		79
62) Azobenzene	16.67	77	266676	60.587	ng		87
64) 4,6-Dinitro-2-methylphenol	16.46	198	102374	79.166	ng	#	71
65) n-Nitrosodiphenylamine	16.58	169	385597	58.475	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	194937	63.046	ng		96
67) Hexachlorobenzene	17.40	284	213877	62.522	ng	#	92
68) Atrazine	17.51	200	162995	58.775	ng		96
69) Pentachlorophenol	17.73	266	140550	64.280	ng		100
70) Phenanthrene	18.14	178	712898	58.921	ng		99
71) Anthracene	18.22	178	711385	58.950	ng		99
72) Carbazole	18.49	167	621286	59.348	ng		99
73) Di-n-butylphthalate	18.99	149	703104	56.839	ng		100
74) Fluoranthene	20.10	202	912364	60.226	ng		94
76) Benzidine	20.26	184	300301	46.110	ng		98
77) Pyrene	20.46	202	926922	56.614	ng		99
79) Butylbenzylphthalate	21.31	149	315600	53.800	ng	#	76
80) Benzo(a)anthracene	22.40	228	955984	59.021	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	371906	61.466	ng	#	98
82) Chrysene	22.48	228	913207	58.707	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	447639	52.038	ng	#	98
84) Di-n-octyl phthalate	23.61	149	713446	52.220	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.37	276	1222339	64.210	ng	#	53
87) Benzo(b)fluoranthene	24.92	252	1031125	60.291	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	983444	58.847	ng	#	96
89) Benzo(a)pyrene	25.93	252	982916	60.755	ng	#	94
90) Dibenzo(a,h)anthracene	30.45	278	1012344	64.935	ng	#	95
91) Benzo(g,h,i)perylene	31.72	276	1000774	62.805	ng	#	91

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

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