Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032413.D
Acq On : 29 Jan 2018 13:44
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Jan 29 14:27:20 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	28600	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	123491	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	89112	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	222491	20.00	ng		0.00
75) Chrysene-d12	22.43	240	256108	20.00	ng		0.00
86) Perylene-d12	26.10	264	283923	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	226562	144.88	ng		0.00
7) Phenol-d6	7.84	99	305296	155.02	ng		0.00
23) Nitrobenzene-d5	9.93	82	313550	171.78	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	268333	181.97	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	1130997	157.37	ng		0.00
78) Terphenyl-d14	20.63	244	1753022	151.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	35672	59.378	ng	#	72
3) Pyridine	4.26	79	108045	67.377	ng	#	84
4) n-Nitrosodimethylamine	4.18	42	54023	95.893	ng	#	70
6) Aniline	8.02	93	190466	76.673	ng		96
8) 2-Chlorophenol	8.27	128	135373	77.363	ng	#	81
10) Phenol	7.87	94	144239	74.348	ng		88
11) bis(2-Chloroethyl)ether	8.11	93	110853	71.321	ng		83
12) 1,3-Dichlorobenzene	8.61	146	177366	77.447	ng		96
13) 1,4-Dichlorobenzene	8.76	146	181844	78.860	ng		95
14) 1,2-Dichlorobenzene	9.09	146	174142	78.081	ng		97
15) Benzyl Alcohol	8.96	79	126130	88.158	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.25	45	102393	64.823	ng		74
17) 2-Methylphenol	9.16	107	118073	79.637	ng		95
18) Hexachloroethane	9.85	117	59866	84.476	ng	#	77
19) n-Nitroso-di-n-propylamine	9.55	70	98647	80.728	ng	#	88
20) 3+4-Methylphenols	9.50	107	166850	81.234	ng		94
22) Acetophenone	9.57	105	227468	81.091	ng	#	90
24) Nitrobenzene	9.97	77	155383	85.341	ng	#	87
25) Isophorone	10.49	82	270734	79.655	ng	#	82
26) 2-Nitrophenol	10.69	139	94559	87.649	ng	#	80
27) 2,4-Dimethylphenol	10.73	122	132698	77.510	ng		96
28) bis(2-Chloroethoxy)methane	10.97	93	148572	72.553	ng	#	94
29) 2,4-Dichlorophenol	11.23	162	180729	85.793	ng		87
30) 1,2,4-Trichlorobenzene	11.46	180	230765	84.822	ng		96
31) Naphthalene	11.66	128	480223	78.500	ng		99
32) Benzoic acid	10.90	122	110597	87.972	ng		93
33) 4-Chloroaniline	11.75	127	214748	81.862	ng		94
34) Hexachlorobutadiene	11.93	225	176014	90.077	ng		95
35) Caprolactam	12.54	113	51078	79.924	ng	#	40
36) 4-Chloro-3-methylphenol	12.83	107	167058	86.640	ng	#	81
37) 2-Methylnaphthalene	13.22	142	400273	82.415	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	324991	83.666	ng	#	97
40) Hexachlorocyclopentadiene	13.55	237	220978	101.004	ng		92
42) 2,4,6-Trichlorophenol	13.81	196	182541	83.636	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.88	196	209885	83.080	ng	#	92
45) 1,1'-Biphenyl	14.20	154	592071	77.503	ng		93
46) 2-Chloronaphthalene	14.25	162	463780	78.039	ng		98
47) 2-Nitroaniline	14.44	65	102981	90.516	ng	#	75
48) Acenaphthylene	15.09	152	701060	77.466	ng		99
49) Dimethylphthalate	14.79	163	623426	79.946	ng		98
50) 2,6-Dinitrotoluene	14.92	165	135374	83.636	ng	#	74
51) Acenaphthene	15.43	154	490088	81.898	ng		99
52) 3-Nitroaniline	15.26	138	116239	79.512	ng	#	77
53) 2,4-Dinitrophenol	15.45	184	83991	123.426	ng	#	74
54) Dibenzofuran	15.76	168	690287	77.327	ng		99
55) 4-Nitrophenol	15.53	139	88660	83.219	ng	#	76
56) 2,4-Dinitrotoluene	15.70	165	194510	89.259	ng	#	68
57) Fluorene	16.40	166	575408	78.593	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	202795	86.775	ng	#	85
59) Diethylphthalate	16.14	149	602560	79.705	ng		94
60) 4-Chlorophenyl-phenylether	16.37	204	371260	82.664	ng		94
61) 4-Nitroaniline	16.41	138	124440	88.737	ng		82
62) Azobenzene	16.67	77	362320	76.572	ng		84
64) 4,6-Dinitro-2-methylphenol	16.46	198	138784	104.825	ng	#	69
65) n-Nitrosodiphenylamine	16.59	169	527877	78.189	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	267780	84.589	ng		95
67) Hexachlorobenzene	17.40	284	294565	84.106	ng	#	92
68) Atrazine	17.51	200	207888	73.220	ng		97
69) Pentachlorophenol	17.73	266	194380	86.830	ng		98
70) Phenanthrene	18.14	178	952934	76.927	ng		99
71) Anthracene	18.23	178	953040	77.138	ng		99
72) Carbazole	18.49	167	833680	77.784	ng		98
73) Di-n-butylphthalate	18.99	149	936794	73.969	ng		98
74) Fluoranthene	20.10	202	1182923	76.270	ng		94
76) Benzidine	20.26	184	384003	59.960	ng		96
77) Pyrene	20.46	202	1207025	74.971	ng		96
79) Butylbenzylphthalate	21.31	149	415517	72.033	ng	#	75
80) Benzo(a)anthracene	22.40	228	1248327	78.376	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	478371	80.400	ng	#	98
82) Chrysene	22.48	228	1184956	77.467	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	581919	68.794	ng	#	96
84) Di-n-octyl phthalate	23.61	149	945081	70.347	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1609885	86.001	ng	#	86
87) Benzo(b)fluoranthene	24.92	252	1336865	77.899	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	1307789	77.985	ng	#	96
89) Benzo(a)pyrene	25.93	252	1284026	79.093	ng	#	96
90) Dibenzo(a,h)anthracene	30.46	278	1330765	85.065	ng	#	94
91) Benzo(g,h,i)perylene	31.73	276	1323991	82.803	ng	#	92

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

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