Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033870.D
Acq On : 19 Apr 2018 15:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 20 03:08:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	45877	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	233146	20.00	ng		0.00
38) Acenaphthene-d10	14.48	164	164770	20.00	ng		0.00
63) Phenanthrene-d10	17.22	188	408360	20.00	ng		0.00
75) Chrysene-d12	21.49	240	395148	20.00	ng		0.00
86) Perylene-d12	24.55	264	399572	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	239098	83.21	ng		0.00
7) Phenol-d6	7.00	99	350944	83.73	ng		0.00
23) Nitrobenzene-d5	8.99	82	344845	84.17	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	163416	85.01	ng		0.00
44) 2-Fluorobiphenyl	13.10	172	900045	80.24	ng		0.00
78) Terphenyl-d14	19.86	244	1437407	81.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	49918	41.111	ng		90
3) Pyridine	3.81	79	150626	42.875	ng		98
4) n-Nitrosodimethylamine	3.72	42	65272	40.781	ng	#	82
6) Aniline	7.17	93	236584	42.228	ng		99
8) 2-Chlorophenol	7.40	128	132253	41.075	ng		97
9) Benzaldehyde	6.98	77	89948	41.277	ng		91
10) Phenol	7.03	94	177831	41.417	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	138618	42.212	ng		95
12) 1,3-Dichlorobenzene	7.73	146	153933	41.530	ng		97
13) 1,4-Dichlorobenzene	7.88	146	154957	41.276	ng		96
14) 1,2-Dichlorobenzene	8.19	146	151251	41.429	ng		96
15) Benzyl Alcohol	8.07	79	153682	42.050	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	261251	40.789	ng		98
17) 2-Methylphenol	8.27	107	133318	41.900	ng		96
18) Hexachloroethane	8.91	117	55331	40.334	ng		93
19) n-Nitroso-di-n-propylamine	8.65	70	146832	41.099	ng	#	94
20) 3+4-Methylphenols	8.60	107	192832	41.709	ng		90
22) Acetophenone	8.65	105	257544	40.586	ng	#	97
24) Nitrobenzene	9.03	77	185596	41.574	ng		98
25) Isophorone	9.56	82	372936	40.489	ng		95
26) 2-Nitrophenol	9.74	139	75354	42.719	ng		98
27) 2,4-Dimethylphenol	9.80	122	133583	40.488	ng		96
28) bis(2-Chloroethoxy)methane	10.05	93	201495	41.393	ng		97
29) 2,4-Dichlorophenol	10.27	162	151691	41.243	ng		94
30) 1,2,4-Trichlorobenzene	10.49	180	169462	41.137	ng		99
31) Naphthalene	10.67	128	489425	40.822	ng		100
32) Benzoic acid	9.93	122	135665	41.970	ng		93
33) 4-Chloroaniline	10.78	127	231313	41.047	ng		99
34) Hexachlorobutadiene	10.97	225	100427	40.752	ng		97
35) Caprolactam	11.55	113	64963	41.543	ng		95
36) 4-Chloro-3-methylphenol	11.90	107	181582	40.450	ng		94
37) 2-Methylnaphthalene	12.29	142	375884	40.949	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	219218	40.067	ng		97
40) Hexachlorocyclopentadiene	12.64	237	116945	38.873	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	139740	41.890	ng		98
43) 2,4,5-Trichlorophenol	12.97	196	159394	41.562	ng		98
45) 1,1'-Biphenyl	13.31	154	534037	40.039	ng		97
46) 2-Chloronaphthalene	13.34	162	403719	39.919	ng		98
47) 2-Nitroaniline	13.55	65	133855	42.389	ng		93
48) Acenaphthylene	14.19	152	679850	40.441	ng		99
49) Dimethylphthalate	13.94	163	580906	40.079	ng		98
50) 2,6-Dinitrotoluene	14.05	165	116011	42.236	ng		97
51) Acenaphthene	14.54	154	444083	42.051	ng		99
52) 3-Nitroaniline	14.38	138	131379	44.049	ng	#	88
53) 2,4-Dinitrophenol	14.58	184	42712	43.481	ng	#	60
54) Dibenzofuran	14.87	168	625702	39.964	ng		95
55) 4-Nitrophenol	14.67	139	102761	43.930	ng		93
56) 2,4-Dinitrotoluene	14.83	165	160318	43.892	ng	#	86
57) Fluorene	15.53	166	545785	40.284	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	148355	42.249	ng		99
59) Diethylphthalate	15.32	149	606001	39.556	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	284901	40.203	ng		99
61) 4-Nitroaniline	15.54	138	135601	42.820	ng		94
62) Azobenzene	15.82	77	547153	40.065	ng		98
64) 4,6-Dinitro-2-methylphenol	15.60	198	78107	40.840	ng		94
65) n-Nitrosodiphenylamine	15.74	169	480266	40.453	ng		99
66) 4-Bromophenyl-phenylether	16.42	248	183064	40.820	ng		96
67) Hexachlorobenzene	16.53	284	192864	40.326	ng		94
68) Atrazine	16.70	200	189187	40.676	ng		99
69) Pentachlorophenol	16.87	266	138398	42.128	ng	#	25
70) Phenanthrene	17.27	178	870373	39.730	ng		97
71) Anthracene	17.36	178	881110	40.219	ng		99
72) Carbazole	17.62	167	836813	39.593	ng		97
73) Di-n-butylphthalate	18.22	149	1032472	39.268	ng		99
74) Fluoranthene	19.29	202	1040031	39.247	ng		97
76) Benzidine	19.48	184	504949	47.322	ng		97
77) Pyrene	19.65	202	1061887	40.972	ng		96
79) Butylbenzylphthalate	20.57	149	466149	40.956	ng		94
80) Benzo(a)anthracene	21.47	228	1007620	40.439	ng		99
81) 3,3'-Dichlorobenzidine	21.39	252	381550	41.068	ng		99
82) Chrysene	21.53	228	970785	40.800	ng		97
83) Bis(2-ethylhexyl)phthalate	21.43	149	662247	41.200	ng		97
84) Di-n-octyl phthalate	22.61	149	1060818	41.579	ng		97
85) Indeno(1,2,3-cd)pyrene	28.04	276	1124344	41.512	ng	#	94
87) Benzo(b)fluoranthene	23.59	252	1006550	41.293	ng		99
88) Benzo(k)fluoranthene	23.66	252	979775	40.464	ng		97
89) Benzo(a)pyrene	24.42	252	958901	41.075	ng		100
90) Dibenzo(a,h)anthracene	28.11	278	925614	40.976	ng		95
91) Benzo(g,h,i)perylene	29.12	276	912019	41.031	ng		96

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

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