Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033864.D
Acq On : 19 Apr 2018 11:13
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Apr 19 13:11:17 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 13:09:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	45850	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	235205	20.00	ng		0.00
38) Acenaphthene-d10	14.48	164	166650	20.00	ng		0.00
63) Phenanthrene-d10	17.23	188	408636	20.00	ng		0.00
75) Chrysene-d12	21.49	240	402765	20.00	ng		0.00
86) Perylene-d12	24.56	264	410355	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	234008	95.70	ng		0.00
7) Phenol-d6	7.00	99	349426	83.17	ng		0.00
23) Nitrobenzene-d5	8.99	82	332283	64.91	ng		0.00
41) 2,4,6-Tribromophenol	15.97	330	161719	64.88	ng		0.00
44) 2-Fluorobiphenyl	13.10	172	901892	78.13	ng		0.00
78) Terphenyl-d14	19.86	244	1441782	76.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	46820	37.705	ng		93
3) Pyridine	3.81	79	151034	43.999	ng		97
4) n-Nitrosodimethylamine	3.72	42	63887	45.352	ng	#	86
6) Aniline	7.17	93	236204	47.808	ng		97
8) 2-Chlorophenol	7.41	128	132211	47.297	ng		96
9) Benzaldehyde	6.98	77	91268	34.183	ng		97
10) Phenol	7.03	94	177210	42.722	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	137374	40.574	ng		97
12) 1,3-Dichlorobenzene	7.73	146	154363	42.238	ng		96
13) 1,4-Dichlorobenzene	7.88	146	154988	42.346	ng		96
14) 1,2-Dichlorobenzene	8.19	146	150180	42.041	ng		96
15) Benzyl Alcohol	8.07	79	151407	45.772	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.38	45	267126	48.397	ng		97
17) 2-Methylphenol	8.27	107	130574	46.209	ng		94
18) Hexachloroethane	8.91	117	55650	39.395	ng		93
19) n-Nitroso-di-n-propylamine	8.64	70	150002	48.725	ng		95
20) 3+4-Methylphenols	8.60	107	191180	47.518	ng		94
22) Acetophenone	8.65	105	255252	39.612	ng	#	99
24) Nitrobenzene	9.03	77	185069	33.774	ng		97
25) Isophorone	9.56	82	374998	37.742	ng		95
26) 2-Nitrophenol	9.74	139	71033	34.240	ng		95
27) 2,4-Dimethylphenol	9.80	122	136163	45.181	ng		94
28) bis(2-Chloroethoxy)methane	10.05	93	198233	39.986	ng		95
29) 2,4-Dichlorophenol	10.27	162	151819	40.963	ng		93
30) 1,2,4-Trichlorobenzene	10.49	180	166694	34.617	ng		98
31) Naphthalene	10.67	128	485185	39.807	ng		97
32) Benzoic acid	9.93	122	127857	45.638	ng	#	86
33) 4-Chloroaniline	10.78	127	232235	42.529	ng		96
34) Hexachlorobutadiene	10.97	225	105205	28.891	ng		100
35) Caprolactam	11.56	113	63115	43.468	ng		97
36) 4-Chloro-3-methylphenol	11.91	107	182369	37.727	ng		97
37) 2-Methylnaphthalene	12.29	142	373058	39.434	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	218033	36.119	ng		98
40) Hexachlorocyclopentadiene	12.64	237	123698	34.955	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.90	196	134268	38.283	ng		98
43) 2,4,5-Trichlorophenol	12.97	196	154914	37.369	ng		95
45) 1,1'-Biphenyl	13.31	154	533452	41.665	ng		98
46) 2-Chloronaphthalene	13.35	162	403985	40.922	ng		99
47) 2-Nitroaniline	13.55	65	128274	34.691	ng		94
48) Acenaphthylene	14.19	152	675568	40.997	ng		99
49) Dimethylphthalate	13.94	163	580083	39.997	ng		99
50) 2,6-Dinitrotoluene	14.05	165	112741	38.018	ng		89
51) Acenaphthene	14.54	154	434237	40.879	ng		99
52) 3-Nitroaniline	14.38	138	127298	40.945	ng	#	87
53) 2,4-Dinitrophenol	14.58	184	39079	31.544	ng	#	54
54) Dibenzofuran	14.88	168	624348	39.791	ng		95
55) 4-Nitrophenol	14.68	139	100717	46.070	ng		93
56) 2,4-Dinitrotoluene	14.83	165	149337	34.202	ng		89
57) Fluorene	15.53	166	542866	40.611	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	148591	38.074	ng		99
59) Diethylphthalate	15.32	149	612411	43.486	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	280386	36.489	ng		99
61) 4-Nitroaniline	15.55	138	132747	42.164	ng		94
62) Azobenzene	15.82	77	545969	40.021	ng		99
64) 4,6-Dinitro-2-methylphenol	15.60	198	74080	30.304	ng		97
65) n-Nitrosodiphenylamine	15.74	169	471935	40.454	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	180112	37.531	ng		95
67) Hexachlorobenzene	16.53	284	193058	38.118	ng	#	72
68) Atrazine	16.70	200	185448	39.229	ng		100
69) Pentachlorophenol	16.87	266	134268	38.625	ng	#	56
70) Phenanthrene	17.27	178	877465	41.231	ng		98
71) Anthracene	17.36	178	884136	41.030	ng		99
72) Carbazole	17.63	167	836147	43.789	ng		97
73) Di-n-butylphthalate	18.22	149	1045841	47.056	ng		99
74) Fluoranthene	19.29	202	1052232	39.954	ng		96
76) Benzidine	19.48	184	432218	39.572	ng		97
77) Pyrene	19.65	202	1070288	39.844	ng		96
79) Butylbenzylphthalate	20.57	149	468334	47.246	ng		95
80) Benzo(a)anthracene	21.47	228	1017288	39.666	ng		99
81) 3,3'-Dichlorobenzidine	21.40	252	384215	42.100	ng		97
82) Chrysene	21.53	228	973568	39.216	ng		97
83) Bis(2-ethylhexyl)phthalate	21.43	149	666041	48.742	ng		96
84) Di-n-octyl phthalate	22.61	149	1067472	51.021	ng		98
85) Indeno(1,2,3-cd)pyrene	28.05	276	1128611	42.048	ng	#	91
87) Benzo(b)fluoranthene	23.59	252	1001716	42.252	ng		100
88) Benzo(k)fluoranthene	23.66	252	997459	41.599	ng		98
89) Benzo(a)pyrene	24.42	252	964003	42.341	ng		100
90) Dibenzo(a,h)anthracene	28.12	278	931483	43.433	ng		98
91) Benzo(g,h,i)perylene	29.14	276	919884	43.315	ng		98

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

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