Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG034004.D
Acq On : 26 Apr 2018 2:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 26 06:31:54 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	7.83	152	71238	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	352554	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	247014	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	615202	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	619252	20.00	ng		-0.02
86) Perylene-d12	24.53	264	648719	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	314059	70.38	ng		-0.01
7) Phenol-d6	7.00	99	480877	73.89	ng		0.00
23) Nitrobenzene-d5	8.98	82	491985	79.42	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	258188	89.59	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1272777	75.69	ng		-0.02
78) Terphenyl-d14	19.85	244	1991301	72.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	61416	32.574	ng		85
3) Pyridine	3.80	79	191385	35.083	ng		94
4) n-Nitrosodimethylamine	3.72	42	86394	34.762	ng	#	94
6) Aniline	7.16	93	319246	36.696	ng		99
8) 2-Chlorophenol	7.40	128	186340	37.270	ng		93
9) Benzaldehyde	6.98	77	124412	35.004	ng		93
10) Phenol	7.02	94	242232	36.332	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	190782	37.414	ng		94
12) 1,3-Dichlorobenzene	7.72	146	216921	37.689	ng		97
13) 1,4-Dichlorobenzene	7.87	146	220050	37.748	ng		97
14) 1,2-Dichlorobenzene	8.18	146	216795	38.242	ng		96
15) Benzyl Alcohol	8.06	79	205240	36.165	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.35	45	331323	33.314	ng		96
17) 2-Methylphenol	8.26	107	179498	36.331	ng		97
18) Hexachloroethane	8.90	117	79163	37.162	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	194716	35.099	ng	#	96
20) 3+4-Methylphenols	8.59	107	261555	36.433	ng		90
22) Acetophenone	8.65	105	353405	36.830	ng	#	96
24) Nitrobenzene	9.02	77	259682	38.467	ng		95
25) Isophorone	9.55	82	486135	34.903	ng	#	94
26) 2-Nitrophenol	9.73	139	123144	46.167	ng		90
27) 2,4-Dimethylphenol	9.79	122	187660	37.614	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	273342	37.134	ng		96
29) 2,4-Dichlorophenol	10.26	162	219995	39.555	ng		91
30) 1,2,4-Trichlorobenzene	10.47	180	251027	40.298	ng		99
31) Naphthalene	10.66	128	676819	37.332	ng		98
32) Benzoic acid	9.95	122	203118	41.605	ng	#	83
33) 4-Chloroaniline	10.77	127	319769	37.525	ng		97
34) Hexachlorobutadiene	10.95	225	157324	42.217	ng	#	62
35) Caprolactam	11.55	113	93068	39.359	ng	#	77
36) 4-Chloro-3-methylphenol	11.90	107	247658	36.484	ng	#	89
37) 2-Methylnaphthalene	12.28	142	529937	38.178	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	327766	39.960	ng		98
40) Hexachlorocyclopentadiene	12.63	237	184770	40.969	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	207266	41.445	ng		95
43) 2,4,5-Trichlorophenol	12.95	196	241774	42.052	ng		98
45) 1,1'-Biphenyl	13.29	154	753267	37.672	ng		97
46) 2-Chloronaphthalene	13.33	162	570952	37.658	ng		98
47) 2-Nitroaniline	13.53	65	191087	40.366	ng		89
48) Acenaphthylene	14.18	152	926162	36.749	ng		98
49) Dimethylphthalate	13.93	163	803620	36.985	ng		99
50) 2,6-Dinitrotoluene	14.04	165	177039	42.994	ng	#	85
51) Acenaphthene	14.53	154	585430	36.978	ng		97
52) 3-Nitroaniline	14.37	138	192425	43.036	ng	#	79
53) 2,4-Dinitrophenol	14.57	184	70241	47.698	ng	#	55
54) Dibenzofuran	14.86	168	876693	37.351	ng		96
55) 4-Nitrophenol	14.67	139	143068	40.798	ng		86
56) 2,4-Dinitrotoluene	14.83	165	251367	45.906	ng	#	82
57) Fluorene	15.51	166	753108	37.078	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	218819	41.567	ng		96
59) Diethylphthalate	15.30	149	818045	35.618	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	415770	39.136	ng		94
61) 4-Nitroaniline	15.54	138	200227	42.176	ng		90
62) Azobenzene	15.80	77	683059	33.364	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	138976	47.060	ng		86
65) n-Nitrosodiphenylamine	15.73	169	663158	37.077	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	269136	39.835	ng		98
67) Hexachlorobenzene	16.51	284	289785	40.219	ng		98
68) Atrazine	16.68	200	261003	37.249	ng		97
69) Pentachlorophenol	16.86	266	204418	41.303	ng	#	59
70) Phenanthrene	17.25	178	1209566	36.650	ng		97
71) Anthracene	17.35	178	1217053	36.875	ng		98
72) Carbazole	17.62	167	1152452	36.194	ng		97
73) Di-n-butylphthalate	18.19	149	1371653	34.628	ng		98
74) Fluoranthene	19.28	202	1467401	36.756	ng		95
76) Benzidine	19.46	184	699029	41.803	ng		98
77) Pyrene	19.64	202	1500319	36.939	ng		95
79) Butylbenzylphthalate	20.55	149	630234	35.333	ng		89
80) Benzo(a)anthracene	21.46	228	1444623	36.995	ng		98
81) 3,3'-Dichlorobenzidine	21.38	252	570459	39.180	ng		96
82) Chrysene	21.52	228	1382466	37.075	ng		96
83) Bis(2-ethylhexyl)phthalate	21.39	149	890883	35.366	ng		99
84) Di-n-octyl phthalate	22.56	149	1407361	35.199	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1682755	39.645	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1498979	37.877	ng		98
88) Benzo(k)fluoranthene	23.63	252	1420791	36.142	ng		97
89) Benzo(a)pyrene	24.39	252	1411047	37.229	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1390532	37.915	ng		97
91) Benzo(g,h,i)perylene	29.07	276	1379027	38.214	ng		98

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

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