Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
Data File : BG027909.D
Acq On : 11 Jul 2017 8:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 11 09:10:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	47954	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	229965	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	137072	20.00	ng	0.00
63) Phenanthrene-d10	17.76	188	308439	20.00	ng	-0.02
75) Chrysene-d12	22.11	240	360815	20.00	ng	-0.02
86) Perylene-d12	25.67	264	327198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	248829	79.90	ng	0.00
7) Phenol-d6	7.57	99	353112	74.22	ng	0.00
23) Nitrobenzene-d5	9.59	82	279996	67.87	ng	0.00
41) 2,4,6-Tribromophenol	16.50	330	170105	90.48	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	790267	82.34	ng	-0.02
78) Terphenyl-d14	20.34	244	1147650	74.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.97	88	47147	40.665	ng	# 64
3) Pyridine	4.36	79	139859	39.176	ng	# 60
4) n-Nitrosodimethylamine	4.27	42	34772	19.862	ng	# 1
6) Aniline	7.75	93	205258	37.221	ng	# 84
8) 2-Chlorophenol	7.99	128	134986	38.791	ng	# 78
9) Benzaldehyde	7.57	77	89325	31.554	ng	# 73
10) Phenol	7.59	94	176445	37.488	ng	# 65
11) bis(2-Chloroethyl)ether	7.83	93	135053	37.775	ng	# 76
12) 1,3-Dichlorobenzene	8.31	146	143254	38.703	ng	# 87
13) 1,4-Dichlorobenzene	8.46	146	149531	38.988	ng	93
14) 1,2-Dichlorobenzene	8.78	146	145485	39.122	ng	92
15) Benzyl Alcohol	8.65	79	78620	23.889	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.93	45	150250	19.703	ng	84
17) 2-Methylphenol	8.85	107	121847	36.591	ng	# 81
18) Hexachloroethane	9.51	117	48000	35.579	ng	84
19) n-Nitroso-di-n-propylamine	9.21	70	106004	30.627	ng	# 70
20) 3+4-Methylphenols	9.17	107	173651	36.162	ng	83
22) Acetophenone	9.24	105	208970	37.657	ng	# 72
24) Nitrobenzene	9.63	77	150560	34.907	ng	# 76
25) Isophorone	10.14	82	299505	33.305	ng	# 90
26) 2-Nitrophenol	10.34	139	77875	39.972	ng	# 58
27) 2,4-Dimethylphenol	10.38	122	140083	38.389	ng	85
28) bis(2-Chloroethoxy)methane	10.61	93	188273	36.928	ng	99
29) 2,4-Dichlorophenol	10.88	162	126597	39.587	ng	96
30) 1,2,4-Trichlorobenzene	11.09	180	132983	40.774	ng	97
31) Naphthalene	11.29	128	478217	39.104	ng	99
32) Benzoic acid	10.50	122	47148	26.099	ng	# 71
33) 4-Chloroaniline	11.40	127	196968	37.281	ng	# 82
34) Hexachlorobutadiene	11.56	225	69613	38.306	ng	97
35) Caprolactam	12.17	113	51913	32.275	ng	# 52
36) 4-Chloro-3-methylphenol	12.48	107	148586	33.020	ng	# 81
37) 2-Methylnaphthalene	12.86	142	349061	38.321	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.22	216	158781	44.082	ng	97
40) Hexachlorocyclopentadiene	13.19	237	71125	41.881	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.45	196	103596	39.822	ng		95
43) 2,4,5-Trichlorophenol	13.53	196	115814	39.289	ng	#	92
45) 1,1'-Biphenyl	13.85	154	443918	40.405	ng		98
46) 2-Chloronaphthalene	13.90	162	327135	39.416	ng		99
47) 2-Nitroaniline	14.10	65	91931	27.672	ng	#	54
48) Acenaphthylene	14.74	152	594691	39.213	ng		97
49) Dimethylphthalate	14.45	163	408238	34.912	ng		98
50) 2,6-Dinitrotoluene	14.58	165	95807	37.691	ng	#	60
51) Acenaphthene	15.08	154	377022	38.788	ng		96
52) 3-Nitroaniline	14.92	138	110117	36.823	ng	#	70
53) 2,4-Dinitrophenol	15.12	184	47568	39.018	ng	#	70
54) Dibenzofuran	15.41	168	497772	38.729	ng	#	89
55) 4-Nitrophenol	15.22	139	75844	33.225	ng	#	38
56) 2,4-Dinitrotoluene	15.37	165	130364	36.770	ng	#	73
57) Fluorene	16.06	166	485498	38.959	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	95288	37.500	ng	#	98
59) Diethylphthalate	15.80	149	428325	33.081	ng		97
60) 4-Chlorophenyl-phenylether	16.04	204	212799	38.574	ng		92
61) 4-Nitroaniline	16.08	138	118024	37.884	ng	#	48
62) Azobenzene	16.33	77	360717	31.704	ng		80
64) 4,6-Dinitro-2-methylphenol	16.13	198	71871	38.676	ng		84
65) n-Nitrosodiphenylamine	16.25	169	390315	38.901	ng		97
66) 4-Bromophenyl-phenylether	16.94	248	135828	42.105	ng		96
67) Hexachlorobenzene	17.07	284	156255	45.736	ng	#	86
68) Atrazine	17.20	200	110865	34.998	ng		96
69) Pentachlorophenol	17.41	266	79400	39.763	ng		96
70) Phenanthrene	17.81	178	707384	39.727	ng		96
71) Anthracene	17.89	178	718256	39.946	ng		98
72) Carbazole	18.16	167	706958	39.922	ng		95
73) Di-n-butylphthalate	18.69	149	724238	37.217	ng	#	93
74) Fluoranthene	19.80	202	789515	40.570	ng		92
76) Benzidine	19.97	184	320533	38.036	ng		96
77) Pyrene	20.16	202	812786	35.895	ng		95
79) Butylbenzylphthalate	21.03	149	326118	31.978	ng		87
80) Benzo(a)anthracene	22.09	228	788659	36.153	ng		95
81) 3,3'-Dichlorobenzidine	21.99	252	306774	38.747	ng	#	97
82) Chrysene	22.16	228	750134	36.686	ng		96
83) Bis(2-ethylhexyl)phthalate	21.94	149	483222	32.424	ng		98
84) Di-n-octyl phthalate	23.27	149	820567	33.327	ng	#	81
85) Indeno(1,2,3-cd)pyrene	29.77	276	942091	40.313	ng	#	86
87) Benzo(b)fluoranthene	24.53	252	814061	38.618	ng	#	95
88) Benzo(k)fluoranthene	24.61	252	804420	38.605	ng	#	92
89) Benzo(a)pyrene	25.50	252	764774	38.664	ng	#	92
90) Dibenzo(a,h)anthracene	29.83	278	819935	40.918	ng	#	93
91) Benzo(g,h,i)perylene	31.06	276	777681	40.382	ng	#	86

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

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