Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011018\
Data File : BG031978.D
Acq On : 10 Jan 2018 15:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 11 00:42:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	58256	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	251004	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	176465	20.00	ng		-0.01
63) Phenanthrene-d10	18.14	188	425180	20.00	ng		-0.02
75) Chrysene-d12	22.48	240	455724	20.00	ng		-0.04
86) Perylene-d12	26.20	264	476773	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	244334	76.39	ng		0.00
7) Phenol-d6	7.89	99	333008	80.19	ng		0.00
23) Nitrobenzene-d5	9.98	82	299347	90.06	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	226799	84.23	ng		-0.02
44) 2-Fluorobiphenyl	14.04	172	1069799	76.09	ng		-0.01
78) Terphenyl-d14	20.67	244	1520118	76.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	41982	35.409	ng	#	70
3) Pyridine	4.32	79	124157	39.176	ng	#	79
4) n-Nitrosodimethylamine	4.22	42	51658	40.394	ng	#	89
6) Aniline	8.08	93	202169	37.840	ng		91
8) 2-Chlorophenol	8.33	128	145781	39.293	ng	#	82
9) Benzaldehyde	7.88	77	83152	33.254	ng	#	80
10) Phenol	7.91	94	165550	39.487	ng		94
11) bis(2-Chloroethyl)ether	8.16	93	127609	36.650	ng	#	83
12) 1,3-Dichlorobenzene	8.67	146	178814	38.811	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	184893	39.285	ng		94
14) 1,2-Dichlorobenzene	9.15	146	175782	39.417	ng		96
15) Benzyl Alcohol	9.02	79	129692	41.603	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.30	45	99198	34.985	ng		82
17) 2-Methylphenol	9.22	107	119551	39.853	ng		98
18) Hexachloroethane	9.91	117	57175	40.110	ng	#	84
19) n-Nitroso-di-n-propylamine	9.60	70	109004	38.436	ng	#	82
20) 3+4-Methylphenols	9.55	107	169627	39.786	ng		96
22) Acetophenone	9.62	105	223361	38.302	ng	#	88
24) Nitrobenzene	10.02	77	143924	42.011	ng	#	84
25) Isophorone	10.54	82	271300	37.914	ng	#	85
26) 2-Nitrophenol	10.75	139	91050	50.689	ng	#	83
27) 2,4-Dimethylphenol	10.78	122	142144	37.606	ng		90
28) bis(2-Chloroethoxy)methane	11.03	93	177217	36.909	ng		95
29) 2,4-Dichlorophenol	11.29	162	181461	40.894	ng		92
30) 1,2,4-Trichlorobenzene	11.52	180	208354	38.456	ng		99
31) Naphthalene	11.72	128	493642	38.969	ng		98
32) Benzoic acid	10.91	122	108237	42.830	ng		86
33) 4-Chloroaniline	11.81	127	213212	37.805	ng	#	92
34) Hexachlorobutadiene	11.98	225	155517	41.811	ng		99
35) Caprolactam	12.57	113	55076	40.948	ng	#	52
36) 4-Chloro-3-methylphenol	12.88	107	170791	41.675	ng	#	83
37) 2-Methylnaphthalene	13.28	142	398131	38.770	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	287071	38.622	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	163675	41.742	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	173396	40.461 ng		98
43) 2,4,5-Trichlorophenol	13.93	196	195203	41.102 ng	#	91
45) 1,1'-Biphenyl	14.25	154	573735	38.067 ng		97
46) 2-Chloronaphthalene	14.30	162	434893	37.830 ng		97
47) 2-Nitroaniline	14.49	65	94855	47.774 ng	#	69
48) Acenaphthylene	15.14	152	701009	38.115 ng		99
49) Dimethylphthalate	14.84	163	581308	37.393 ng		99
50) 2,6-Dinitrotoluene	14.97	165	127368	44.537 ng	#	68
51) Acenaphthene	15.47	154	474405	39.385 ng		100
52) 3-Nitroaniline	15.30	138	120840	43.309 ng	#	69
53) 2,4-Dinitrophenol	15.50	184	60929	52.998 ng	#	62
54) Dibenzofuran	15.80	168	695137	37.648 ng		98
55) 4-Nitrophenol	15.57	139	87924	38.717 ng	#	75
56) 2,4-Dinitrotoluene	15.74	165	175508	47.726 ng	#	64
57) Fluorene	16.45	166	563586	37.573 ng		95
58) 2,3,4,6-Tetrachlorophenol	16.01	232	186360	40.220 ng	#	86
59) Diethylphthalate	16.18	149	558235	36.842 ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	349252	38.054 ng		92
61) 4-Nitroaniline	16.46	138	120923	44.412 ng		86
62) Azobenzene	16.72	77	360052	37.053 ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	100194	48.364 ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	534434	37.846 ng		97
66) 4-Bromophenyl-phenylether	17.32	248	239774	38.998 ng		93
67) Hexachlorobenzene	17.44	284	248372	39.517 ng	#	91
68) Atrazine	17.56	200	208010	37.883 ng		99
69) Pentachlorophenol	17.78	266	175704	40.643 ng		98
70) Phenanthrene	18.19	178	904723	37.600 ng		99
71) Anthracene	18.28	178	904970	37.284 ng		99
72) Carbazole	18.53	167	801177	37.293 ng		99
73) Di-n-butylphthalate	19.04	149	883399	37.001 ng		99
74) Fluoranthene	20.14	202	1104041	37.394 ng		96
76) Benzidine	20.30	184	589914	41.939 ng		98
77) Pyrene	20.50	202	1108173	38.068 ng		97
79) Butylbenzylphthalate	21.36	149	385822	39.482 ng	#	76
80) Benzo(a)anthracene	22.46	228	1103792	38.076 ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	430179	38.274 ng	#	98
82) Chrysene	22.54	228	1033409	37.676 ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	521590	36.841 ng	#	97
84) Di-n-octyl phthalate	23.69	149	865929	36.317 ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1309246	37.207 ng	#	88
87) Benzo(b)fluoranthene	25.01	252	1151083	38.894 ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1113741	37.603 ng	#	97
89) Benzo(a)pyrene	26.03	252	1076902	37.994 ng	#	96
90) Dibenzo(a,h)anthracene	30.61	278	1081267	36.937 ng	#	96
91) Benzo(g,h,i)perylene	30.52	276	1309246	37.881 ng	#	92

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

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