Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033933.D
Acq On : 23 Apr 2018 23:32
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 24 03:24:15 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	69464	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	328136	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	225262	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	551284	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	559773	20.00	ng		-0.02
86) Perylene-d12	24.53	264	584945	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	325800	74.88	ng		0.00
7) Phenol-d6	7.00	99	481461	75.87	ng		0.00
23) Nitrobenzene-d5	8.98	82	470646	81.63	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	224005	85.24	ng		-0.01
44) 2-Fluorobiphenyl	13.09	172	1153935	75.25	ng		-0.01
78) Terphenyl-d14	19.85	244	1784251	71.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	62567	34.032	ng		89
3) Pyridine	3.80	79	198523	37.320	ng		95
4) n-Nitrosodimethylamine	3.72	42	88727	36.612	ng	#	93
6) Aniline	7.16	93	310202	36.568	ng		98
8) 2-Chlorophenol	7.39	128	181751	37.281	ng		96
9) Benzaldehyde	6.98	77	122056	35.299	ng		96
10) Phenol	7.02	94	240467	36.988	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	187361	37.681	ng		94
12) 1,3-Dichlorobenzene	7.72	146	213563	38.053	ng		99
13) 1,4-Dichlorobenzene	7.86	146	217350	38.237	ng		97
14) 1,2-Dichlorobenzene	8.18	146	210546	38.088	ng		98
15) Benzyl Alcohol	8.06	79	198762	35.918	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	332380	34.273	ng		97
17) 2-Methylphenol	8.26	107	176926	36.724	ng		99
18) Hexachloroethane	8.90	117	78733	37.905	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	188107	34.774	ng	#	97
20) 3+4-Methylphenols	8.59	107	255617	36.516	ng		94
22) Acetophenone	8.65	105	335134	37.525	ng	#	96
24) Nitrobenzene	9.02	77	248820	39.601	ng		97
25) Isophorone	9.54	82	470873	36.323	ng	#	94
26) 2-Nitrophenol	9.73	139	114788	46.237	ng		93
27) 2,4-Dimethylphenol	9.79	122	180579	38.888	ng		91
28) bis(2-Chloroethoxy)methane	10.03	93	262012	38.244	ng		96
29) 2,4-Dichlorophenol	10.26	162	209637	40.498	ng		92
30) 1,2,4-Trichlorobenzene	10.48	180	230356	39.731	ng		98
31) Naphthalene	10.67	128	634769	37.618	ng		98
32) Benzoic acid	9.93	122	178660	39.598	ng	#	83
33) 4-Chloroaniline	10.77	127	301298	37.988	ng		96
34) Hexachlorobutadiene	10.95	225	142967	41.220	ng		97
35) Caprolactam	11.55	113	89728	40.770	ng	#	82
36) 4-Chloro-3-methylphenol	11.89	107	237545	37.598	ng		94
37) 2-Methylnaphthalene	12.28	142	487717	37.751	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	290876	38.887	ng		98
40) Hexachlorocyclopentadiene	12.63	237	148843	36.190	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	188742	41.385	ng		98
43) 2,4,5-Trichlorophenol	12.96	196	221395	42.226	ng		96
45) 1,1'-Biphenyl	13.30	154	694901	38.108	ng		98
46) 2-Chloronaphthalene	13.33	162	528835	38.248	ng		98
47) 2-Nitroaniline	13.53	65	181536	42.051	ng		92
48) Acenaphthylene	14.19	152	856975	37.288	ng		99
49) Dimethylphthalate	13.93	163	734729	37.079	ng		99
50) 2,6-Dinitrotoluene	14.04	165	158864	42.305	ng		87
51) Acenaphthene	14.53	154	538981	37.332	ng		97
52) 3-Nitroaniline	14.37	138	176395	43.260	ng	#	83
53) 2,4-Dinitrophenol	14.57	184	45519	33.895	ng	#	60
54) Dibenzofuran	14.86	168	799554	37.354	ng		96
55) 4-Nitrophenol	14.67	139	131695	41.181	ng		90
56) 2,4-Dinitrotoluene	14.83	165	221799	44.417	ng	#	83
57) Fluorene	15.51	166	689075	37.202	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.08	232	194485	40.512	ng		98
59) Diethylphthalate	15.30	149	758693	36.224	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	369057	38.093	ng		98
61) 4-Nitroaniline	15.54	138	181514	41.926	ng		90
62) Azobenzene	15.81	77	657636	35.224	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	102703	39.947	ng		90
65) n-Nitrosodiphenylamine	15.73	169	612087	38.190	ng		99
66) 4-Bromophenyl-phenylether	16.41	248	235068	38.827	ng		96
67) Hexachlorobenzene	16.52	284	249833	38.694	ng		97
68) Atrazine	16.68	200	236989	37.744	ng		98
69) Pentachlorophenol	16.86	266	167553	37.780	ng	#	57
70) Phenanthrene	17.25	178	1095072	37.028	ng		97
71) Anthracene	17.35	178	1102561	37.280	ng		98
72) Carbazole	17.62	167	1037598	36.365	ng		96
73) Di-n-butylphthalate	18.20	149	1267779	35.716	ng		99
74) Fluoranthene	19.27	202	1309681	36.609	ng		96
76) Benzidine	19.46	184	527220	34.878	ng		99
77) Pyrene	19.64	202	1337710	36.435	ng		96
79) Butylbenzylphthalate	20.55	149	597094	37.032	ng		90
80) Benzo(a)anthracene	21.45	228	1316081	37.285	ng		99
81) 3,3'-Dichlorobenzidine	21.38	252	515329	39.155	ng		98
82) Chrysene	21.52	228	1261777	37.434	ng		95
83) Bis(2-ethylhexyl)phthalate	21.40	149	845473	37.130	ng		99
84) Di-n-octyl phthalate	22.56	149	1347087	37.271	ng		100
85) Indeno(1,2,3-cd)pyrene	27.99	276	1523109	39.697	ng	#	94
87) Benzo(b)fluoranthene	23.56	252	1361231	38.146	ng		98
88) Benzo(k)fluoranthene	23.63	252	1294934	36.532	ng		98
89) Benzo(a)pyrene	24.39	252	1276680	37.356	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1258313	38.051	ng		97
91) Benzo(g,h,i)perylene	29.07	276	1242748	38.192	ng		98

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

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