Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032364.D
Acq On : 27 Jan 2018 19:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 27 23:22:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	35968	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	140398	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	96335	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	245554	20.00	ng		0.00
75) Chrysene-d12	22.42	240	304427	20.00	ng		0.00
86) Perylene-d12	26.10	264	345365	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	161792	82.27	ng		0.00
7) Phenol-d6	7.84	99	198936	80.32	ng		0.00
23) Nitrobenzene-d5	9.92	82	193586	93.28	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	152344	95.57	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	676008	87.01	ng		0.00
78) Terphenyl-d14	20.63	244	1164504	84.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	30050	39.773	ng	#	72
3) Pyridine	4.28	79	72013	35.708	ng		87
4) n-Nitrosodimethylamine	4.18	42	39212	55.345	ng	#	62
6) Aniline	8.02	93	121482	38.885	ng		94
8) 2-Chlorophenol	8.27	128	89756	40.787	ng	#	80
9) Benzaldehyde	7.83	77	50442	35.150	ng	#	78
10) Phenol	7.86	94	95136	38.993	ng		91
11) bis(2-Chloroethyl)ether	8.11	93	71300	36.476	ng		86
12) 1,3-Dichlorobenzene	8.61	146	119157	41.372	ng		98
13) 1,4-Dichlorobenzene	8.76	146	123432	42.563	ng		93
14) 1,2-Dichlorobenzene	9.09	146	115287	41.103	ng		97
15) Benzyl Alcohol	8.96	79	81338	45.205	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.25	45	66588	33.520	ng		76
17) 2-Methylphenol	9.16	107	72077	38.655	ng	#	88
18) Hexachloroethane	9.85	117	40314	45.233	ng	#	82
19) n-Nitroso-di-n-propylamine	9.54	70	62571	40.716	ng	#	85
20) 3+4-Methylphenols	9.49	107	103926	40.233	ng		95
22) Acetophenone	9.56	105	140327	44.002	ng	#	92
24) Nitrobenzene	9.96	77	95186	45.984	ng	#	87
25) Isophorone	10.49	82	157706	40.813	ng	#	87
26) 2-Nitrophenol	10.69	139	59092	48.178	ng	#	80
27) 2,4-Dimethylphenol	10.73	122	81097	41.665	ng		93
28) bis(2-Chloroethoxy)methane	10.96	93	91503	39.303	ng	#	95
29) 2,4-Dichlorophenol	11.23	162	109448	45.699	ng		85
30) 1,2,4-Trichlorobenzene	11.46	180	143723	46.466	ng		97
31) Naphthalene	11.66	128	290486	41.767	ng		98
32) Benzoic acid	10.86	122	58210	38.455	ng		86
33) 4-Chloroaniline	11.74	127	123657	41.461	ng		94
34) Hexachlorobutadiene	11.92	225	112567	50.670	ng		96
35) Caprolactam	12.50	113	29941	41.208	ng	#	44
36) 4-Chloro-3-methylphenol	12.83	107	99304	45.299	ng		89
37) 2-Methylnaphthalene	13.22	142	237926	43.089	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	198722	47.323	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	123239	52.106	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	107215	45.440	ng		99
43) 2,4,5-Trichlorophenol	13.87	196	123801	45.331	ng	#	91
45) 1,1'-Biphenyl	14.19	154	347351	42.060	ng		96
46) 2-Chloronaphthalene	14.25	162	269479	41.945	ng		98
47) 2-Nitroaniline	14.44	65	59699	48.539	ng	#	77
48) Acenaphthylene	15.09	152	404195	41.314	ng		100
49) Dimethylphthalate	14.79	163	362485	42.999	ng		99
50) 2,6-Dinitrotoluene	14.92	165	78682	44.966	ng	#	79
51) Acenaphthene	15.42	154	280365	43.339	ng		98
52) 3-Nitroaniline	15.25	138	68211	43.161	ng	#	73
53) 2,4-Dinitrophenol	15.45	184	40620	49.212	ng	#	80
54) Dibenzofuran	15.75	168	405314	41.999	ng		99
55) 4-Nitrophenol	15.53	139	52966	45.988	ng	#	78
56) 2,4-Dinitrotoluene	15.69	165	113205	48.054	ng	#	68
57) Fluorene	16.39	166	334120	42.215	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.96	232	121635	48.144	ng	#	84
59) Diethylphthalate	16.13	149	351178	42.970	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	217674	44.833	ng		93
61) 4-Nitroaniline	16.40	138	71167	46.944	ng	#	81
62) Azobenzene	16.66	77	214978	42.027	ng		86
64) 4,6-Dinitro-2-methylphenol	16.45	198	76073	48.360	ng	#	71
65) n-Nitrosodiphenylamine	16.59	169	311467	41.801	ng		97
66) 4-Bromophenyl-phenylether	17.26	248	156563	44.812	ng		95
67) Hexachlorobenzene	17.39	284	167569	43.352	ng	#	89
68) Atrazine	17.51	200	136270	43.487	ng		94
69) Pentachlorophenol	17.73	266	110497	44.724	ng		97
70) Phenanthrene	18.13	178	574045	41.988	ng		99
71) Anthracene	18.23	178	577193	42.329	ng		99
72) Carbazole	18.48	167	510313	43.141	ng		98
73) Di-n-butylphthalate	18.99	149	579871	41.486	ng		99
74) Fluoranthene	20.09	202	760312	44.417	ng		95
76) Benzidine	20.26	184	398775	52.384	ng		97
77) Pyrene	20.45	202	775537	40.525	ng		98
79) Butylbenzylphthalate	21.31	149	262517	38.286	ng	#	76
80) Benzo(a)anthracene	22.40	228	815676	43.083	ng		100
81) 3,3'-Dichlorobenzidine	22.29	252	320291	45.287	ng	#	97
82) Chrysene	22.47	228	788078	43.344	ng		99
83) Bis(2-ethylhexyl)phthalate	22.24	149	373453	37.142	ng	#	98
84) Di-n-octyl phthalate	23.61	149	596561	37.357	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.36	276	1029668	46.275	ng	#	86
87) Benzo(b)fluoranthene	24.92	252	877189	42.020	ng	#	95
88) Benzo(k)fluoranthene	24.99	252	847127	41.528	ng	#	97
89) Benzo(a)pyrene	25.92	252	832197	42.142	ng	#	96
90) Dibenzo(a,h)anthracene	30.43	278	846253	44.471	ng	#	95
91) Benzo(g,h,i)perylene	31.69	276	845480	43.470	ng	#	90

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

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