Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037076.D
Acq On : 1 Oct 2018 15:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:36 PM

Quant Time: Oct 01 16:13:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44565	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	195737	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	126882	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	323333	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	324155	20.00	ng		-0.01
86) Perylene-d12	24.88	264	333061	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	208669	89.80	ng		-0.01
7) Phenol-d6	7.20	99	295958	82.32	ng		-0.01
23) Nitrobenzene-d5	9.20	82	308233	84.33	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	124703	82.15	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	678867	79.69	ng		-0.01
78) Terphenyl-d14	20.02	244	942104	76.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	52925	49.773	ng		98
3) Pyridine	3.92	79	139276	45.363	ng		99
4) n-Nitrosodimethylamine	3.84	42	56668	41.527	ng	#	92
6) Aniline	7.37	93	181950	39.002	ng		97
8) 2-Chlorophenol	7.60	128	114621	42.481	ng		92
9) Benzaldehyde	7.18	77	93120	39.197	ng		98
10) Phenol	7.23	94	157184	42.362	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	125172	36.469	ng		99
12) 1,3-Dichlorobenzene	7.93	146	138112	41.752	ng		99
13) 1,4-Dichlorobenzene	8.08	146	139968	41.347	ng		97
14) 1,2-Dichlorobenzene	8.39	146	132228	40.307	ng		99
15) Benzyl Alcohol	8.28	79	107651	36.902	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	257381	39.059	ng		98
17) 2-Methylphenol	8.48	107	100105	38.731	ng		97
18) Hexachloroethane	9.12	117	52668	42.278	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	110515	36.951	ng		93
20) 3+4-Methylphenols	8.81	107	140510	39.078	ng		99
22) Acetophenone	8.86	105	182207	39.612	ng	#	98
24) Nitrobenzene	9.25	77	159037	40.744	ng		98
25) Isophorone	9.76	82	267541	40.059	ng		100
26) 2-Nitrophenol	9.96	139	66449	42.709	ng		97
27) 2,4-Dimethylphenol	10.01	122	93813	38.709	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	162447	39.418	ng		99
29) 2,4-Dichlorophenol	10.49	162	119905	42.679	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	141744	40.315	ng		97
31) Naphthalene	10.89	128	374431	40.204	ng		98
32) Benzoic acid	10.16	122	58259m	33.390	ng		
33) 4-Chloroaniline	11.00	127	160505	37.904	ng		98
34) Hexachlorobutadiene	11.17	225	99874	41.077	ng		96
35) Caprolactam	11.78	113	45082	38.987	ng		94
36) 4-Chloro-3-methylphenol	12.12	107	141205	42.122	ng		99
37) 2-Methylnaphthalene	12.50	142	276047	38.917	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	177061	40.010	ng		99
40) Hexachlorocyclopentadiene	12.84	237	77985	34.264	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	101910	41.470	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	115384	44.033	ng		97
45) 1,1'-Biphenyl	13.50	154	389275	40.060	ng		97
46) 2-Chloronaphthalene	13.54	162	305798	40.016	ng		100
47) 2-Nitroaniline	13.75	65	106832	40.418	ng		99
48) Acenaphthylene	14.39	152	489226	40.854	ng		99
49) Dimethylphthalate	14.12	163	402728	39.432	ng		100
50) 2,6-Dinitrotoluene	14.24	165	90158	40.460	ng		95
51) Acenaphthene	14.73	154	289417	39.989	ng		98
52) 3-Nitroaniline	14.58	138	97281	41.430	ng		97
53) 2,4-Dinitrophenol	14.78	184	28618m	32.433	ng		
54) Dibenzofuran	15.06	168	493681	40.328	ng		100
55) 4-Nitrophenol	14.88	139	62154	41.434	ng		95
56) 2,4-Dinitrotoluene	15.03	165	127642	41.051	ng		91
57) Fluorene	15.71	166	375255	41.012	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	111451	41.927	ng		99
59) Diethylphthalate	15.47	149	410341	39.835	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	230211	39.729	ng		99
61) 4-Nitroaniline	15.74	138	100163	40.554	ng		94
62) Azobenzene	16.00	77	409087	41.331	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	65477	38.734	ng		99
65) n-Nitrosodiphenylamine	15.91	169	362400	40.599	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	143976	39.148	ng		97
67) Hexachlorobenzene	16.71	284	150193	39.652	ng		99
68) Atrazine	16.86	200	139775	38.672	ng		98
69) Pentachlorophenol	17.06	266	87429	36.661	ng		99
70) Phenanthrene	17.45	178	625673	40.156	ng		99
71) Anthracene	17.54	178	631036	40.958	ng		99
72) Carbazole	17.81	167	616450	41.037	ng		98
73) Di-n-butylphthalate	18.37	149	690138	41.370	ng		99
74) Fluoranthene	19.46	202	756959	40.359	ng		98
76) Benzidine	19.64	184	444017	45.312	ng		99
77) Pyrene	19.82	202	772787	39.728	ng		100
79) Butylbenzylphthalate	20.70	149	315750	40.724	ng		95
80) Benzo(a)anthracene	21.66	228	731018	38.632	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	283791	39.401	ng		100
82) Chrysene	21.73	228	719199	39.337	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	438300	40.466	ng		100
84) Di-n-octyl phthalate	22.76	149	733893	41.152	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	808646	41.188	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	689900	38.868	ng		98
88) Benzo(k)fluoranthene	23.93	252	735167	41.284	ng		99
89) Benzo(a)pyrene	24.73	252	688279	40.110	ng		98
90) Dibenzo(a,h)anthracene	28.58	278	660980	41.099	ng		97
91) Benzo(g,h,i)perylene	29.66	276	665690	41.243	ng		98

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

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