Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
Data File : BG036936.D
Acq On : 25 Sep 2018 3:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
9/25/2018 10:57:33 AM

Quant Time: Sep 25 07:29:03 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	8.05	152	46139	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	222280	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	150444	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	371976	20.00	ng		0.00
75) Chrysene-d12	21.68	240	359819	20.00	ng		0.00
86) Perylene-d12	24.89	264	375133	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	213082	88.57	ng		0.00
7) Phenol-d6	7.21	99	334641	89.90	ng		0.00
23) Nitrobenzene-d5	9.21	82	344946	83.10	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	147828	82.13	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	794193	78.62	ng		0.00
78) Terphenyl-d14	20.02	244	1059621	77.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	48876	44.397	ng		98
3) Pyridine	3.92	79	142275	44.759	ng		97
4) n-Nitrosodimethylamine	3.83	42	62446	44.201	ng	#	94
6) Aniline	7.37	93	199353	41.275	ng		100
8) 2-Chlorophenol	7.61	128	123352	44.157	ng		93
9) Benzaldehyde	7.18	77	103773	42.191	ng		97
10) Phenol	7.23	94	170616	44.413	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	142225	40.024	ng		98
12) 1,3-Dichlorobenzene	7.94	146	138088	40.320	ng		99
13) 1,4-Dichlorobenzene	8.08	146	141282	40.311	ng		97
14) 1,2-Dichlorobenzene	8.40	146	136599	40.219	ng		98
15) Benzyl Alcohol	8.28	79	126046	41.733	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	285381	41.831	ng		98
17) 2-Methylphenol	8.48	107	114076	42.631	ng		98
18) Hexachloroethane	9.12	117	54275	42.082	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	128833	41.606	ng		99
20) 3+4-Methylphenols	8.81	107	162212	43.574	ng		99
22) Acetophenone	8.87	105	206642	39.560	ng	#	96
24) Nitrobenzene	9.25	77	180167	40.645	ng		97
25) Isophorone	9.77	82	315440	41.591	ng		100
26) 2-Nitrophenol	9.96	139	76309	43.190	ng		98
27) 2,4-Dimethylphenol	10.02	122	109656	39.843	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	190347	40.673	ng		98
29) 2,4-Dichlorophenol	10.50	162	135492	42.468	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	159930	40.056	ng		98
31) Naphthalene	10.90	128	420369	39.746	ng		99
32) Benzoic acid	10.15	122	46512m	25.202	ng		
33) 4-Chloroaniline	11.01	127	187844	39.063	ng		97
34) Hexachlorobutadiene	11.18	225	109387	39.617	ng		99
35) Caprolactam	11.79	113	52563	40.028	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	162902	42.792	ng		99
37) 2-Methylnaphthalene	12.50	142	316970	39.350	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	208460	39.728	ng		98
40) Hexachlorocyclopentadiene	12.84	237	100345	37.183	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	125800	43.174	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	135917	43.745	ng		98
45) 1,1'-Biphenyl	13.51	154	455778	39.558	ng		98
46) 2-Chloronaphthalene	13.55	162	366613	40.461	ng		99
47) 2-Nitroaniline	13.75	65	131740	42.035	ng		97
48) Acenaphthylene	14.39	152	569702	40.124	ng		99
49) Dimethylphthalate	14.12	163	470883	38.885	ng		100
50) 2,6-Dinitrotoluene	14.25	165	105617	39.974	ng		95
51) Acenaphthene	14.73	154	348164	40.572	ng		100
52) 3-Nitroaniline	14.58	138	111125	39.913	ng		97
53) 2,4-Dinitrophenol	14.79	184	15883	19.251	ng		89
54) Dibenzofuran	15.07	168	571404	39.366	ng		99
55) 4-Nitrophenol	14.89	139	69036	38.814	ng		98
56) 2,4-Dinitrotoluene	15.03	165	147567	40.026	ng		93
57) Fluorene	15.72	166	425937	39.260	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	134572	42.696	ng		97
59) Diethylphthalate	15.49	149	470704	38.538	ng		100
60) 4-Chlorophenyl-phenylether	15.71	204	268890	39.136	ng		99
61) 4-Nitroaniline	15.74	138	115175	39.328	ng		97
62) Azobenzene	16.00	77	479832	40.886	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	56368	28.985	ng		97
65) n-Nitrosodiphenylamine	15.93	169	419038	40.805	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	170779	40.364	ng		100
67) Hexachlorobenzene	16.73	284	174648	40.078	ng		97
68) Atrazine	16.87	200	164407	39.539	ng		98
69) Pentachlorophenol	17.07	266	104172	37.969	ng		99
70) Phenanthrene	17.46	178	714444	39.857	ng		98
71) Anthracene	17.55	178	717987	40.508	ng		99
72) Carbazole	17.82	167	694182	40.169	ng		99
73) Di-n-butylphthalate	18.37	149	772302	40.241	ng		99
74) Fluoranthene	19.46	202	853970	39.578	ng		99
76) Benzidine	19.65	184	395998	36.406	ng		99
77) Pyrene	19.83	202	868001	40.200	ng		100
79) Butylbenzylphthalate	20.71	149	346661	40.279	ng		95
80) Benzo(a)anthracene	21.66	228	821207	39.097	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	316024	39.527	ng		98
82) Chrysene	21.73	228	791460	38.999	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	481643	40.060	ng		99
84) Di-n-octyl phthalate	22.77	149	790906	39.954	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	902606	41.417	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	799304	39.982	ng		98
88) Benzo(k)fluoranthene	23.94	252	787758	39.276	ng		99
89) Benzo(a)pyrene	24.74	252	769196	39.798	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	739801	40.841	ng		97
91) Benzo(g,h,i)perylene	29.67	276	742445	40.840	ng		97

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

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