Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
Data File : BG036901.D
Acq On : 22 Sep 2018 20:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/24/2018 11:49:59 AM

Quant Time: Sep 24 04:52:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49985	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	237735	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	162026	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	408435	20.00	ng		0.00
75) Chrysene-d12	21.68	240	405263	20.00	ng		0.00
86) Perylene-d12	24.89	264	428896	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	191034	73.29	ng		0.00
7) Phenol-d6	7.21	99	292057	72.43	ng		0.00
23) Nitrobenzene-d5	9.21	82	307041	69.16	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	133162	68.69	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	714310	65.66	ng		0.00
78) Terphenyl-d14	20.02	244	991066	64.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	46021	38.587	ng		98
3) Pyridine	3.92	79	125145	36.341	ng		92
4) n-Nitrosodimethylamine	3.84	42	59724	39.021	ng		95
6) Aniline	7.37	93	179686	34.341	ng		98
8) 2-Chlorophenol	7.61	128	109739	36.261	ng		99
9) Benzaldehyde	7.18	77	93560	35.112	ng		99
10) Phenol	7.23	94	151435	36.387	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	129147	33.547	ng		98
12) 1,3-Dichlorobenzene	7.94	146	128395	34.605	ng		97
13) 1,4-Dichlorobenzene	8.08	146	126787	33.392	ng		97
14) 1,2-Dichlorobenzene	8.40	146	124753	33.905	ng		96
15) Benzyl Alcohol	8.28	79	111074	33.946	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	262688	35.542	ng		100
17) 2-Methylphenol	8.48	107	99927	34.470	ng		97
18) Hexachloroethane	9.13	117	49489	35.419	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	113053	33.701	ng		98
20) 3+4-Methylphenols	8.81	107	142094	35.233	ng		98
22) Acetophenone	8.87	105	188513	33.743	ng	#	98
24) Nitrobenzene	9.25	77	161562	34.079	ng		97
25) Isophorone	9.77	82	277452	34.204	ng		99
26) 2-Nitrophenol	9.96	139	69665	36.866	ng		99
27) 2,4-Dimethylphenol	10.02	122	102360	34.774	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	169272	33.818	ng		98
29) 2,4-Dichlorophenol	10.50	162	123665	36.241	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	143361	33.572	ng		99
31) Naphthalene	10.90	128	382574	33.821	ng		98
32) Benzoic acid	10.16	122	68131m	32.366	ng		
33) 4-Chloroaniline	11.01	127	169566	32.970	ng		96
34) Hexachlorobutadiene	11.19	225	102120	34.581	ng		98
35) Caprolactam	11.79	113	46584	33.169	ng	#	84
36) 4-Chloro-3-methylphenol	12.13	107	147436	36.211	ng		99
37) 2-Methylnaphthalene	12.50	142	288718	33.513	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	188334	33.327	ng		99
40) Hexachlorocyclopentadiene	12.85	237	94582	32.542	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	110991	35.369	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	119716	35.777	ng		97
45) 1,1'-Biphenyl	13.51	154	413376	33.313	ng		99
46) 2-Chloronaphthalene	13.55	162	322352	33.033	ng		97
47) 2-Nitroaniline	13.75	65	115811	34.311	ng		96
48) Acenaphthylene	14.39	152	505046	33.027	ng		100
49) Dimethylphthalate	14.12	163	418202	32.066	ng		99
50) 2,6-Dinitrotoluene	14.25	165	93853	32.983	ng		98
51) Acenaphthene	14.74	154	304375	32.934	ng		97
52) 3-Nitroaniline	14.58	138	100933	33.661	ng		97
53) 2,4-Dinitrophenol	14.79	184	29808	27.865	ng		98
54) Dibenzofuran	15.07	168	513917	32.875	ng		99
55) 4-Nitrophenol	14.89	139	64919	33.890	ng		96
56) 2,4-Dinitrotoluene	15.03	165	131939	33.229	ng		93
57) Fluorene	15.72	166	386292	33.061	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	119966	35.341	ng		97
59) Diethylphthalate	15.49	149	425332	32.334	ng		100
60) 4-Chlorophenyl-phenylether	15.71	204	243977	32.972	ng		99
61) 4-Nitroaniline	15.74	138	103774	32.902	ng		96
62) Azobenzene	16.00	77	433967	34.335	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	73644	34.488	ng		99
65) n-Nitrosodiphenylamine	15.93	169	382886	33.957	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	156641	33.717	ng		99
67) Hexachlorobenzene	16.73	284	161002	33.649	ng		96
68) Atrazine	16.87	200	152377	33.375	ng		99
69) Pentachlorophenol	17.07	266	103393	34.321	ng		98
70) Phenanthrene	17.46	178	656517	33.356	ng		99
71) Anthracene	17.55	178	653394	33.573	ng		100
72) Carbazole	17.82	167	639489	33.701	ng		98
73) Di-n-butylphthalate	18.37	149	716772	34.014	ng		100
74) Fluoranthene	19.46	202	794374	33.529	ng		99
76) Benzidine	19.65	184	389604	31.802	ng		97
77) Pyrene	19.83	202	803927	33.057	ng		100
79) Butylbenzylphthalate	20.71	149	324753	33.502	ng		96
80) Benzo(a)anthracene	21.67	228	776596	32.827	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	299596	33.271	ng		96
82) Chrysene	21.73	228	752991	32.943	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	441937	32.636	ng		100
84) Di-n-octyl phthalate	22.77	149	751296	33.697	ng		99
85) Indeno(1,2,3-cd)pyrene	28.55	276	866446	35.300	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	738533	32.311	ng		97
88) Benzo(k)fluoranthene	23.94	252	767441	33.467	ng		99
89) Benzo(a)pyrene	24.75	252	732902	33.167	ng		98
90) Dibenzo(a,h)anthracene	28.60	278	702596	33.925	ng		97
91) Benzo(g,h,i)perylene	29.69	276	704385	33.889	ng		98

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

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