Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
Data File : BG036918.D
Acq On : 24 Sep 2018 15:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/25/2018 10:57:21 AM

Quant Time: Sep 24 16:29:49 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	36400	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	182177	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	126694	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	322604	20.00	ng		0.00
75) Chrysene-d12	21.68	240	318423	20.00	ng		0.00
86) Perylene-d12	24.89	264	328592	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	167691	88.35	ng		0.00
7) Phenol-d6	7.21	99	254250	86.58	ng		0.00
23) Nitrobenzene-d5	9.21	82	283011	83.19	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	123198	81.28	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	670516	78.82	ng		0.00
78) Terphenyl-d14	20.02	244	927517	76.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41873	48.213	ng		98
3) Pyridine	3.92	79	115192	45.935	ng		95
4) n-Nitrosodimethylamine	3.84	42	52128	46.769	ng	#	97
6) Aniline	7.37	93	158733	41.658	ng		99
8) 2-Chlorophenol	7.61	128	96409	43.746	ng		97
9) Benzaldehyde	7.18	77	82557	42.546	ng		99
10) Phenol	7.23	94	135664	44.763	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	116550	41.574	ng		100
12) 1,3-Dichlorobenzene	7.94	146	111365	41.218	ng		99
13) 1,4-Dichlorobenzene	8.08	146	113292	40.974	ng		96
14) 1,2-Dichlorobenzene	8.40	146	110038	41.067	ng		97
15) Benzyl Alcohol	8.28	79	101395	42.554	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	234591	43.587	ng		99
17) 2-Methylphenol	8.48	107	88878	42.101	ng		94
18) Hexachloroethane	9.13	117	43781	43.028	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	104993	42.979	ng		98
20) 3+4-Methylphenols	8.81	107	129250	44.009	ng		97
22) Acetophenone	8.87	105	175695	41.040	ng	#	97
24) Nitrobenzene	9.25	77	143864	39.600	ng		99
25) Isophorone	9.77	82	255288	41.069	ng		99
26) 2-Nitrophenol	9.96	139	60886	42.046	ng		100
27) 2,4-Dimethylphenol	10.02	122	87921	38.978	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	152096	39.653	ng		96
29) 2,4-Dichlorophenol	10.50	162	113166	43.278	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	129612	39.609	ng		99
31) Naphthalene	10.90	128	342290	39.488	ng		98
32) Benzoic acid	10.16	122	66971m	39.873	ng		
33) 4-Chloroaniline	11.01	127	156233	39.642	ng		100
34) Hexachlorobutadiene	11.18	225	89397	39.504	ng		96
35) Caprolactam	11.78	113	43860	40.753	ng		95
36) 4-Chloro-3-methylphenol	12.12	107	137533	44.081	ng		97
37) 2-Methylnaphthalene	12.50	142	262118	39.704	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	173056	39.163	ng		99
40) Hexachlorocyclopentadiene	12.85	237	80528	35.434	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	102483	41.765	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	113946	43.549	ng		98
45) 1,1'-Biphenyl	13.51	154	382497	39.421	ng		96
46) 2-Chloronaphthalene	13.55	162	302779	39.680	ng		99
47) 2-Nitroaniline	13.75	65	108615	41.153	ng		96
48) Acenaphthylene	14.40	152	478934	40.054	ng		98
49) Dimethylphthalate	14.12	163	400953	39.317	ng		99
50) 2,6-Dinitrotoluene	14.25	165	89585	40.262	ng		98
51) Acenaphthene	14.74	154	283029	39.165	ng		99
52) 3-Nitroaniline	14.58	138	94933	40.490	ng		99
53) 2,4-Dinitrophenol	14.79	184	30375	33.994	ng		89
54) Dibenzofuran	15.07	168	485586	39.725	ng		99
55) 4-Nitrophenol	14.89	139	60498	40.390	ng		96
56) 2,4-Dinitrotoluene	15.03	165	124268	40.025	ng		96
57) Fluorene	15.72	166	366222	40.084	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	113548	42.779	ng		96
59) Diethylphthalate	15.49	149	405378	39.412	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	233711	40.393	ng		97
61) 4-Nitroaniline	15.74	138	94573	38.347	ng		99
62) Azobenzene	16.00	77	408875	41.371	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	65449	38.805	ng		97
65) n-Nitrosodiphenylamine	15.93	169	359672	40.385	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	145853	39.748	ng		100
67) Hexachlorobenzene	16.72	284	148948	39.412	ng		99
68) Atrazine	16.87	200	138334	38.360	ng		98
69) Pentachlorophenol	17.07	266	90913	38.208	ng		96
70) Phenanthrene	17.46	178	626044	40.270	ng		99
71) Anthracene	17.55	178	622275	40.481	ng		99
72) Carbazole	17.82	167	605345	40.389	ng		98
73) Di-n-butylphthalate	18.37	149	668022	40.134	ng		99
74) Fluoranthene	19.46	202	744145	39.766	ng		98
76) Benzidine	19.64	184	354116	36.788	ng		99
77) Pyrene	19.83	202	760814	39.816	ng		99
79) Butylbenzylphthalate	20.71	149	296337	38.908	ng		97
80) Benzo(a)anthracene	21.67	228	728096	39.171	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	281161	39.739	ng		99
82) Chrysene	21.73	228	693750	38.628	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	411266	38.653	ng		99
84) Di-n-octyl phthalate	22.77	149	687787	39.261	ng		99
85) Indeno(1,2,3-cd)pyrene	28.54	276	800320	41.498	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	711111	40.608	ng		97
88) Benzo(k)fluoranthene	23.94	252	684070	38.937	ng		99
89) Benzo(a)pyrene	24.74	252	679902	40.160	ng		100
90) Dibenzo(a,h)anthracene	28.61	278	649317	40.923	ng		97
91) Benzo(g,h,i)perylene	29.69	276	654748	41.117	ng		96

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

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