Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036882.D
Acq On : 22 Sep 2018 7:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/24/2018 9:29:53 AM

Quant Time: Sep 24 03:58:52 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	46248	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	212108	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	145458	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	367139	20.00	ng	0.00
75) Chrysene-d12	21.69	240	360401	20.00	ng	0.00
86) Perylene-d12	24.90	264	383342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	190105	78.83	ng	0.00
7) Phenol-d6	7.21	99	298703	80.06	ng	0.00
23) Nitrobenzene-d5	9.21	82	316553	79.92	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	141650	81.39	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	749322	76.73	ng	0.00
78) Terphenyl-d14	20.03	244	1028283	75.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	45944	41.636	ng	99
3) Pyridine	3.92	79	131920	41.404	ng	98
4) n-Nitrosodimethylamine	3.84	42	56699	40.038	ng	100
6) Aniline	7.37	93	186955	38.617	ng	97
8) 2-Chlorophenol	7.61	128	115063	41.093	ng	94
9) Benzaldehyde	7.19	77	93578	37.956	ng	94
10) Phenol	7.24	94	157182	40.820	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	134730	37.825	ng	99
12) 1,3-Dichlorobenzene	7.94	146	131637	38.346	ng	98
13) 1,4-Dichlorobenzene	8.08	146	134169	38.192	ng	97
14) 1,2-Dichlorobenzene	8.40	146	128202	37.658	ng	98
15) Benzyl Alcohol	8.29	79	116047	38.332	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	257268	37.622	ng	98
17) 2-Methylphenol	8.49	107	102560	38.237	ng	96
18) Hexachloroethane	9.13	117	49878	38.581	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	117906	37.987	ng	95
20) 3+4-Methylphenols	8.82	107	149032	39.940	ng	99
22) Acetophenone	8.87	105	192420	38.604	ng	98
24) Nitrobenzene	9.25	77	164536	38.899	ng	98
25) Isophorone	9.77	82	292900	40.471	ng	100
26) 2-Nitrophenol	9.96	139	72026	42.721	ng	99
27) 2,4-Dimethylphenol	10.02	122	101319	38.579	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	175827	39.372	ng	98
29) 2,4-Dichlorophenol	10.50	162	129474	42.528	ng	93
30) 1,2,4-Trichlorobenzene	10.71	180	150043	39.382	ng	99
31) Naphthalene	10.90	128	393854	39.025	ng	99
32) Benzoic acid	10.16	122	64909m	34.167	ng	
33) 4-Chloroaniline	11.01	127	173603	37.833	ng	98
34) Hexachlorobutadiene	11.18	225	103655	39.341	ng	96
35) Caprolactam	11.79	113	49528	39.526	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	153061	42.135	ng	99
37) 2-Methylnaphthalene	12.51	142	299138	38.918	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	198511	39.128	ng	99
40) Hexachlorocyclopentadiene	12.85	237	99761	38.234	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	117000	41.530	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	124546	41.459	ng		99
45) 1,1'-Biphenyl	13.51	154	425368	38.184	ng		99
46) 2-Chloronaphthalene	13.55	162	336399	38.399	ng		98
47) 2-Nitroaniline	13.76	65	116607	38.482	ng		98
48) Acenaphthylene	14.40	152	526797	38.374	ng		100
49) Dimethylphthalate	14.13	163	449179	38.364	ng		100
50) 2,6-Dinitrotoluene	14.25	165	99124	38.803	ng		99
51) Acenaphthene	14.74	154	318182	38.349	ng		99
52) 3-Nitroaniline	14.58	138	106022	39.386	ng		94
53) 2,4-Dinitrophenol	14.79	184	34327	33.581	ng		94
54) Dibenzofuran	15.07	168	535189	38.135	ng		99
55) 4-Nitrophenol	14.89	139	71720	41.705	ng		98
56) 2,4-Dinitrotoluene	15.03	165	139115	39.027	ng		93
57) Fluorene	15.72	166	407126	38.813	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	129526	42.504	ng		97
59) Diethylphthalate	15.48	149	444620	37.651	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	256716	38.645	ng		97
61) 4-Nitroaniline	15.74	138	107410	37.934	ng		92
62) Azobenzene	16.00	77	441098	38.874	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	79107	41.213	ng		100
65) n-Nitrosodiphenylamine	15.93	169	398024	39.270	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	163445	39.139	ng		100
67) Hexachlorobenzene	16.72	284	165563	38.494	ng		99
68) Atrazine	16.87	200	157278	38.323	ng		98
69) Pentachlorophenol	17.07	266	107040	39.529	ng		97
70) Phenanthrene	17.46	178	686033	38.776	ng		99
71) Anthracene	17.55	178	684797	39.144	ng		99
72) Carbazole	17.82	167	664540	38.960	ng		98
73) Di-n-butylphthalate	18.38	149	730498	38.564	ng		100
74) Fluoranthene	19.47	202	819280	38.470	ng		100
76) Benzidine	19.65	184	456794	41.928	ng		99
77) Pyrene	19.83	202	832645	38.500	ng		99
79) Butylbenzylphthalate	20.71	149	337975	39.207	ng		97
80) Benzo(a)anthracene	21.67	228	804864	38.257	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	315853	39.442	ng		98
82) Chrysene	21.74	228	770920	37.926	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	462847	38.434	ng		100
84) Di-n-octyl phthalate	22.78	149	775929	39.134	ng		98
85) Indeno(1,2,3-cd)pyrene	28.55	276	901229	41.287	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	782314	38.294	ng		98
88) Benzo(k)fluoranthene	23.95	252	786152	38.357	ng		99
89) Benzo(a)pyrene	24.74	252	764042	38.685	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	730738	39.477	ng		99
91) Benzo(g,h,i)perylene	29.69	276	733809	39.501	ng		98

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

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