Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037646.D
Acq On : 30 Oct 2018 10:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/31/2018 11:54:09 AM

Quant Time: Oct 30 12:02:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	74458	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	347141	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	223628	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	518788	20.00	ng		0.00
76) Chrysene-d12	21.77	240	455903	20.00	ng		0.00
87) Perylene-d12	25.10	264	481776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	359333	80.68	ng		0.00
7) Phenol-d6	7.24	99	543547	80.71	ng		0.00
23) Nitrobenzene-d5	9.28	82	504492	81.41	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	200415	82.17	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1152836	77.74	ng		0.00
79) Terphenyl-d14	20.08	244	1629069	76.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	84395	37.367	ng		99
3) Pyridine	3.93	79	223131	39.197	ng		95
4) n-Nitrosodimethylamine	3.85	42	84754	41.800	ng	#	92
6) Aniline	7.43	93	329672	40.128	ng		98
8) 2-Chlorophenol	7.66	128	208705	40.058	ng		99
9) Benzaldehyde	7.24	77	151554	35.976	ng		95
10) Phenol	7.27	94	289340	40.720	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	216475	40.113	ng		97
12) 1,3-Dichlorobenzene	7.99	146	228104	39.327	ng		96
13) 1,4-Dichlorobenzene	8.14	146	232914	39.257	ng		98
14) 1,2-Dichlorobenzene	8.46	146	224183	39.280	ng		97
15) Benzyl Alcohol	8.34	79	202784	40.752	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	391584	40.553	ng		98
17) 2-Methylphenol	8.54	107	191748	40.818	ng		99
18) Hexachloroethane	9.19	117	82908	40.989	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	184562	39.798	ng		95
20) 3+4-Methylphenols	8.86	107	274045	40.803	ng		96
22) Acetophenone	8.93	105	342472	39.337	ng	#	98
24) Nitrobenzene	9.32	77	260578	40.477	ng		94
25) Isophorone	9.84	82	453549	40.057	ng		97
26) 2-Nitrophenol	10.03	139	131608	45.381	ng		99
27) 2,4-Dimethylphenol	10.07	122	205906	39.765	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	294815	39.741	ng		97
29) 2,4-Dichlorophenol	10.56	162	234579	40.688	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	244590	39.012	ng		99
31) Naphthalene	10.97	128	668785	39.223	ng		98
32) Benzoic acid	10.22	122	144487m	42.961	ng		
33) 4-Chloroaniline	11.09	127	319392	39.867	ng		98
34) Hexachlorobutadiene	11.24	225	143654	38.660	ng		99
35) Caprolactam	11.88	113	94286	40.777	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	260772	40.107	ng		98
37) 2-Methylnaphthalene	12.57	142	492408	39.617	ng		98
38) 1-Methylnaphthalene	12.79	142	477637	39.570	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	288345	39.975	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	141284	41.005	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	201125	41.736	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	215080	40.993	ng		98
46) 1,1'-Biphenyl	13.57	154	736796	39.783	ng		99
47) 2-Chloronaphthalene	13.62	162	556467	39.715	ng		99
48) 2-Nitroaniline	13.83	65	184714	43.473	ng		95
49) Acenaphthylene	14.46	152	838383	39.777	ng		99
50) Dimethylphthalate	14.19	163	677625	39.169	ng		99
51) 2,6-Dinitrotoluene	14.32	165	159910	41.783	ng		98
52) Acenaphthene	14.80	154	515246	39.694	ng		98
53) 3-Nitroaniline	14.65	138	177721	41.830	ng	#	93
54) 2,4-Dinitrophenol	14.85	184	52570	44.535	ng		99
55) Dibenzofuran	15.13	168	840405	39.077	ng		98
56) 4-Nitrophenol	14.94	139	125279	39.836	ng		98
57) 2,4-Dinitrotoluene	15.10	165	217928	43.379	ng		97
58) Fluorene	15.78	166	632569	39.277	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	183829	40.921	ng		100
60) Diethylphthalate	15.54	149	702882	39.574	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	365855	38.974	ng		99
62) 4-Nitroaniline	15.81	138	173746	41.155	ng		96
63) Azobenzene	16.06	77	665760	39.286	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	112694	42.566	ng		96
66) n-Nitrosodiphenylamine	15.99	169	619423	39.693	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	230716	40.497	ng		97
68) Hexachlorobenzene	16.77	284	233281	39.508	ng		98
69) Atrazine	16.93	200	217954	38.630	ng		99
70) Pentachlorophenol	17.13	266	157962	39.939	ng		97
71) Phenanthrene	17.52	178	1018120	38.614	ng		98
72) Anthracene	17.62	178	1013117	39.154	ng		97
73) Carbazole	17.89	167	1011781	39.091	ng		98
74) Di-n-butylphthalate	18.42	149	1141526	39.647	ng		99
75) Fluoranthene	19.53	202	1149481	38.438	ng		98
77) Benzidine	19.72	184	613842	39.598	ng		100
78) Pyrene	19.89	202	1179813	39.587	ng		99
80) Butylbenzylphthalate	20.76	149	518815	42.536	ng		99
81) Benzo(a)anthracene	21.75	228	1079635	40.036	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	426341	40.789	ng		99
83) Chrysene	21.82	228	1030820	39.754	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	722728	42.272	ng		98
85) Di-n-octyl phthalate	22.87	149	1197300	42.946	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1080527	38.852	ng		98
88) Benzo(b)fluoranthene	24.03	252	1044108	39.530	ng		99
89) Benzo(k)fluoranthene	24.11	252	1031128	39.847	ng		96
90) Benzo(a)pyrene	24.95	252	1014252	40.411	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	898680	38.818	ng		96
92) Benzo(g,h,i)perylene	30.13	276	877929	37.483	ng		100

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

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