Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037154.D
Acq On : 4 Oct 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/4/2018 12:59:33 PM

Quant Time: Oct 04 11:38:31 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	8.04	152	50307	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	212595	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	128769	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	306705	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	320210	20.00	ng		-0.01
86) Perylene-d12	24.87	264	330323	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	228641	87.16	ng		0.00
7) Phenol-d6	7.20	99	323809	79.79	ng		-0.01
23) Nitrobenzene-d5	9.20	82	340415	85.75	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	117542	76.29	ng		-0.02
44) 2-Fluorobiphenyl	13.29	172	698899	80.84	ng		-0.01
78) Terphenyl-d14	20.02	244	897949	73.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56014	46.666	ng		95
3) Pyridine	3.93	79	153079	44.168	ng		99
4) n-Nitrosodimethylamine	3.85	42	68066	44.187	ng	#	95
6) Aniline	7.37	93	197241	37.454	ng		98
8) 2-Chlorophenol	7.61	128	125315	41.143	ng		96
9) Benzaldehyde	7.18	77	100136	37.339	ng		97
10) Phenol	7.23	94	169687	40.512	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	147450	38.056	ng		99
12) 1,3-Dichlorobenzene	7.93	146	149654	40.077	ng		99
13) 1,4-Dichlorobenzene	8.08	146	149308	39.072	ng		98
14) 1,2-Dichlorobenzene	8.39	146	147335	39.786	ng		98
15) Benzyl Alcohol	8.28	79	116174	35.278	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	296090	39.805	ng		98
17) 2-Methylphenol	8.48	107	109171	37.418	ng		98
18) Hexachloroethane	9.12	117	59621	42.397	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	121932	36.115	ng		97
20) 3+4-Methylphenols	8.80	107	154081	37.961	ng		97
22) Acetophenone	8.86	105	199043	39.841	ng	#	97
24) Nitrobenzene	9.25	77	174875	41.249	ng		99
25) Isophorone	9.76	82	285313	39.332	ng		99
26) 2-Nitrophenol	9.96	139	73819	43.684	ng		98
27) 2,4-Dimethylphenol	10.01	122	103978	39.501	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	182555	40.785	ng		99
29) 2,4-Dichlorophenol	10.49	162	125266	41.051	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	156007	40.853	ng		97
31) Naphthalene	10.89	128	405347	40.072	ng		100
32) Benzoic acid	10.14	122	34890m	21.021	ng		
33) 4-Chloroaniline	11.00	127	164756	35.823	ng		97
34) Hexachlorobutadiene	11.17	225	107445	40.686	ng		98
35) Caprolactam	11.78	113	44047	35.071	ng		99
36) 4-Chloro-3-methylphenol	12.12	107	139914	38.428	ng		99
37) 2-Methylnaphthalene	12.49	142	293812	38.137	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	182657	40.670	ng		99
40) Hexachlorocyclopentadiene	12.84	237	78849	34.136	ng		98

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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)
42) 2,4,6-Trichlorophenol	13.10	196	103760	41.604	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	108766	40.899	ng		98
45) 1,1'-Biphenyl	13.50	154	401063	40.668	ng		99
46) 2-Chloronaphthalene	13.54	162	314463	40.547	ng		98
47) 2-Nitroaniline	13.75	65	110485	41.187	ng		97
48) Acenaphthylene	14.39	152	485137	39.919	ng		99
49) Dimethylphthalate	14.12	163	393291	37.944	ng		99
50) 2,6-Dinitrotoluene	14.24	165	88513	39.140	ng		95
51) Acenaphthene	14.73	154	289344	39.393	ng		97
52) 3-Nitroaniline	14.57	138	92194	38.688	ng		99
53) 2,4-Dinitrophenol	14.79	184	18406m	23.356	ng		
54) Dibenzofuran	15.06	168	484798	39.022	ng		98
55) 4-Nitrophenol	14.89	139	48300	31.727	ng		99
56) 2,4-Dinitrotoluene	15.03	165	120807	38.283	ng	#	94
57) Fluorene	15.71	166	358108	38.565	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	106853	39.608	ng		97
59) Diethylphthalate	15.47	149	394560	37.742	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	220695	37.528	ng		98
61) 4-Nitroaniline	15.73	138	92795	37.020	ng		99
62) Azobenzene	16.00	77	406960	40.514	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	43952	27.410	ng		100
65) n-Nitrosodiphenylamine	15.91	169	347202	41.005	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	136584	39.152	ng		97
67) Hexachlorobenzene	16.71	284	139914	38.941	ng		97
68) Atrazine	16.86	200	129476	37.765	ng		97
69) Pentachlorophenol	17.06	266	68433	30.251	ng		95
70) Phenanthrene	17.45	178	598298	40.480	ng		99
71) Anthracene	17.54	178	598506	40.953	ng		99
72) Carbazole	17.81	167	586863	41.186	ng		97
73) Di-n-butylphthalate	18.36	149	668471	42.243	ng		99
74) Fluoranthene	19.46	202	721359	40.546	ng		99
76) Benzidine	19.64	184	254657	26.308	ng		99
77) Pyrene	19.82	202	737812	38.397	ng		99
79) Butylbenzylphthalate	20.70	149	312370	40.784	ng		96
80) Benzo(a)anthracene	21.65	228	719859	38.511	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	268595	37.751	ng		99
82) Chrysene	21.72	228	707540	39.176	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	445080	41.598	ng		99
84) Di-n-octyl phthalate	22.76	149	741659	42.100	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	774251	39.922	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	680266	38.643	ng		99
88) Benzo(k)fluoranthene	23.93	252	719351	40.731	ng		99
89) Benzo(a)pyrene	24.73	252	670180	39.379	ng		98
90) Dibenzo(a,h)anthracene	28.58	278	631779	39.609	ng		98
91) Benzo(g,h,i)perylene	29.64	276	630325	39.376	ng		99

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

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