Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
Data File : BG037072.D
Acq On : 29 Sep 2018 6:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/1/2018 4:20:45 PM

Quant Time: Oct 01 11:45:01 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	47614	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	207728	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	125090	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	310126	20.00	ng		0.00
75) Chrysene-d12	21.68	240	316093	20.00	ng		0.00
86) Perylene-d12	24.88	264	326893	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	228196	91.91	ng		0.00
7) Phenol-d6	7.20	99	322475	83.95	ng		0.00
23) Nitrobenzene-d5	9.20	82	332974	85.84	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	121147	80.95	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	690824	82.25	ng		-0.01
78) Terphenyl-d14	20.02	244	906425	75.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	55134	48.530	ng		96
3) Pyridine	3.93	79	153001	46.642	ng		98
4) n-Nitrosodimethylamine	3.84	42	69838	47.901	ng	#	95
6) Aniline	7.37	93	198985	39.923	ng		99
8) 2-Chlorophenol	7.60	128	125055	43.380	ng		95
9) Benzaldehyde	7.18	77	103165	40.644	ng		99
10) Phenol	7.23	94	169464	42.747	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	137445	37.481	ng		98
12) 1,3-Dichlorobenzene	7.93	146	146756	41.524	ng		96
13) 1,4-Dichlorobenzene	8.07	146	147542	40.793	ng		98
14) 1,2-Dichlorobenzene	8.40	146	140461	40.075	ng		95
15) Benzyl Alcohol	8.28	79	121091	38.851	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292139	41.495	ng		97
17) 2-Methylphenol	8.48	107	108148	39.163	ng		98
18) Hexachloroethane	9.12	117	57735	43.378	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	120468	37.699	ng		93
20) 3+4-Methylphenols	8.81	107	154116	40.117	ng		97
22) Acetophenone	8.86	105	198832	40.731	ng		96
24) Nitrobenzene	9.25	77	171507	41.402	ng		99
25) Isophorone	9.76	82	283902	40.055	ng		99
26) 2-Nitrophenol	9.96	139	74454	45.092	ng		99
27) 2,4-Dimethylphenol	10.01	122	98642	38.352	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	173156	39.591	ng		97
29) 2,4-Dichlorophenol	10.49	162	126680	42.487	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	149813	40.151	ng		97
31) Naphthalene	10.89	128	389483	39.406	ng		99
32) Benzoic acid	10.15	122	77146m	40.221	ng		
33) 4-Chloroaniline	11.01	127	168175	37.423	ng		98
34) Hexachlorobutadiene	11.18	225	102619	39.769	ng		95
35) Caprolactam	11.78	113	48448	39.479	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	143618	40.369	ng		96
37) 2-Methylnaphthalene	12.50	142	286593	38.072	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	178163	40.836	ng		98
40) Hexachlorocyclopentadiene	12.84	237	86337	38.477	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	101637	41.951	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	115389	44.666	ng		97
45) 1,1'-Biphenyl	13.50	154	392292	40.949	ng		97
46) 2-Chloronaphthalene	13.54	162	309145	41.034	ng		98
47) 2-Nitroaniline	13.75	65	116895	44.858	ng		96
48) Acenaphthylene	14.39	152	481947	40.823	ng		99
49) Dimethylphthalate	14.12	163	394819	39.212	ng		100
50) 2,6-Dinitrotoluene	14.24	165	89267	40.634	ng		97
51) Acenaphthene	14.73	154	283713	39.763	ng		99
52) 3-Nitroaniline	14.57	138	98338	42.480	ng		96
53) 2,4-Dinitrophenol	14.78	184	29486m	33.551	ng		
54) Dibenzofuran	15.07	168	478639	39.659	ng		99
55) 4-Nitrophenol	14.88	139	62641	42.357	ng		95
56) 2,4-Dinitrotoluene	15.02	165	125534	40.951	ng	#	97
57) Fluorene	15.71	166	359144	39.814	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	109102	41.631	ng		98
59) Diethylphthalate	15.48	149	403267	39.709	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	220005	38.511	ng		97
61) 4-Nitroaniline	15.74	138	98951	40.637	ng		98
62) Azobenzene	15.99	77	413712	42.397	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	69246	42.708	ng		90
65) n-Nitrosodiphenylamine	15.92	169	349300	40.798	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	136997	38.837	ng		97
67) Hexachlorobenzene	16.72	284	140726	38.735	ng		99
68) Atrazine	16.86	200	136936	39.500	ng		99
69) Pentachlorophenol	17.06	266	90867	39.725	ng		99
70) Phenanthrene	17.45	178	611166	40.895	ng		99
71) Anthracene	17.54	178	609039	41.214	ng		99
72) Carbazole	17.82	167	595295	41.317	ng		99
73) Di-n-butylphthalate	18.36	149	678714	42.417	ng		99
74) Fluoranthene	19.46	202	729535	40.554	ng		100
76) Benzidine	19.64	184	393721	41.204	ng		100
77) Pyrene	19.82	202	737231	38.867	ng		100
79) Butylbenzylphthalate	20.70	149	318832	42.170	ng		98
80) Benzo(a)anthracene	21.66	228	726295	39.362	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	278497	39.652	ng		97
82) Chrysene	21.72	228	707206	39.668	ng		98
83) Bis(2-ethylhexyl)phthalate	21.56	149	448788	42.491	ng		99
84) Di-n-octyl phthalate	22.76	149	747385	42.978	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	791449	41.341	ng	#	93
87) Benzo(b)fluoranthene	23.87	252	684852	39.312	ng		99
88) Benzo(k)fluoranthene	23.93	252	711631	40.716	ng		99
89) Benzo(a)pyrene	24.73	252	674505	40.049	ng		98
90) Dibenzo(a,h)anthracene	28.58	278	650206	41.192	ng		99
91) Benzo(g,h,i)perylene	29.66	276	648595	40.942	ng		98

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

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