Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037209.D
Acq On : 6 Oct 2018 12:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:21 PM

Quant Time: Oct 08 04:58:50 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	8.03	152	47945	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	212047	20.00	ng		-0.02
38) Acenaphthene-d10	14.65	164	134124	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	327304	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	327265	20.00	ng		-0.02
86) Perylene-d12	24.86	264	340839	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	225863	90.34	ng		-0.01
7) Phenol-d6	7.19	99	320585	82.88	ng		-0.02
23) Nitrobenzene-d5	9.20	82	335982	84.85	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	129223	80.53	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	717754	79.70	ng		-0.02
78) Terphenyl-d14	20.01	244	933165	74.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	56106	49.045	ng		98
3) Pyridine	3.92	79	148982	45.103	ng		98
4) n-Nitrosodimethylamine	3.84	42	69079	47.054	ng	#	93
6) Aniline	7.36	93	199142	39.678	ng		98
8) 2-Chlorophenol	7.60	128	126469	43.568	ng		95
9) Benzaldehyde	7.17	77	98994	38.732	ng		98
10) Phenol	7.22	94	169869	42.553	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	133326	36.106	ng		97
12) 1,3-Dichlorobenzene	7.92	146	146508	41.167	ng		99
13) 1,4-Dichlorobenzene	8.07	146	143027	39.272	ng		99
14) 1,2-Dichlorobenzene	8.39	146	143663	40.706	ng		94
15) Benzyl Alcohol	8.27	79	120045	38.249	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	291344	41.097	ng		99
17) 2-Methylphenol	8.47	107	109739	39.465	ng		96
18) Hexachloroethane	9.11	117	57612	42.986	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	122290	38.005	ng		95
20) 3+4-Methylphenols	8.80	107	155709	40.252	ng		99
22) Acetophenone	8.86	105	202782	40.694	ng	#	96
24) Nitrobenzene	9.24	77	175827	41.580	ng		99
25) Isophorone	9.75	82	292955	40.490	ng		100
26) 2-Nitrophenol	9.95	139	75037	44.519	ng		94
27) 2,4-Dimethylphenol	10.00	122	108942	41.494	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	177914	39.851	ng		98
29) 2,4-Dichlorophenol	10.48	162	131420	43.179	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	154192	40.482	ng		98
31) Naphthalene	10.88	128	404747	40.116	ng		99
32) Benzoic acid	10.16	122	54370m	29.571	ng		
33) 4-Chloroaniline	10.99	127	178916	39.002	ng		97
34) Hexachlorobutadiene	11.16	225	106587	40.466	ng		97
35) Caprolactam	11.78	113	47801	38.159	ng		100
36) 4-Chloro-3-methylphenol	12.11	107	151735	41.782	ng		99
37) 2-Methylnaphthalene	12.49	142	296951	38.644	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	186903	39.954	ng		99
40) Hexachlorocyclopentadiene	12.83	237	83368	34.651	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	112021	43.123	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	120394	43.464	ng		97
45) 1,1'-Biphenyl	13.49	154	416302	40.528	ng		97
46) 2-Chloronaphthalene	13.53	162	325246	40.263	ng		99
47) 2-Nitroaniline	13.74	65	121364	43.436	ng		99
48) Acenaphthylene	14.38	152	515901	40.756	ng		99
49) Dimethylphthalate	14.11	163	420000	38.903	ng		100
50) 2,6-Dinitrotoluene	14.23	165	94274	40.023	ng		98
51) Acenaphthene	14.72	154	302731	39.570	ng		98
52) 3-Nitroaniline	14.57	138	100943	40.668	ng		95
53) 2,4-Dinitrophenol	14.78	184	23846	27.186	ng	#	87
54) Dibenzofuran	15.05	168	512756	39.624	ng		99
55) 4-Nitrophenol	14.88	139	65505	41.310	ng		96
56) 2,4-Dinitrotoluene	15.02	165	133220	40.531	ng		95
57) Fluorene	15.71	166	384342	39.737	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	114991	40.923	ng		97
59) Diethylphthalate	15.47	149	427456	39.256	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	235429	38.435	ng		98
61) 4-Nitroaniline	15.74	138	103366	39.591	ng		93
62) Azobenzene	15.99	77	441002	42.150	ng		99
64) 4,6-Dinitro-2-methylphenol	15.78	198	65197	38.100	ng		88
65) n-Nitrosodiphenylamine	15.91	169	374208	41.413	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	147876	39.721	ng		96
67) Hexachlorobenzene	16.71	284	149666	39.033	ng		99
68) Atrazine	16.86	200	137855	37.679	ng		99
69) Pentachlorophenol	17.05	266	87961	36.436	ng		98
70) Phenanthrene	17.45	178	639541	40.548	ng		99
71) Anthracene	17.53	178	642548	41.199	ng		99
72) Carbazole	17.80	167	623792	41.022	ng		98
73) Di-n-butylphthalate	18.36	149	704947	41.745	ng		100
74) Fluoranthene	19.45	202	752005	39.609	ng		99
76) Benzidine	19.63	184	428609	43.324	ng		99
77) Pyrene	19.81	202	768149	39.114	ng		99
79) Butylbenzylphthalate	20.69	149	325093	41.531	ng		96
80) Benzo(a)anthracene	21.65	228	740102	38.741	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	277950	38.223	ng		96
82) Chrysene	21.71	228	720950	39.058	ng		100
83) Bis(2-ethylhexyl)phthalate	21.55	149	454493	41.562	ng		98
84) Di-n-octyl phthalate	22.75	149	764159	42.442	ng		99
85) Indeno(1,2,3-cd)pyrene	28.50	276	811589	40.945	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	696206	38.329	ng		98
88) Benzo(k)fluoranthene	23.91	252	722975	39.673	ng		100
89) Benzo(a)pyrene	24.71	252	689530	39.266	ng		99
90) Dibenzo(a,h)anthracene	28.56	278	655819	39.848	ng		100
91) Benzo(g,h,i)perylene	29.63	276	653988	39.594	ng		99

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

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