Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
Data File : BG042886.D
Acq On : 18 Sep 2019 9:18
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
9/19/2019 10:48:02 AM

Quant Time: Sep 19 02:18:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54186	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	221253	20.00	ng		-0.02
39) Acenaphthene-d10	14.72	164	165807	20.00	ng		-0.02
64) Phenanthrene-d10	17.46	188	398075	20.00	ng		-0.02
76) Chrysene-d12	21.74	240	348333	20.00	ng		-0.02
87) Perylene-d12	25.00	264	368196	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	246690	79.15	ng		0.01
7) Phenol-d6	7.29	99	369490	82.59	ng		0.03
23) Nitrobenzene-d5	9.27	82	391241	92.06	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	214721	97.34	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	932493	89.02	ng		-0.02
79) Terphenyl-d14	20.07	244	1572579	100.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	55320	38.892	ng	#	93
3) Pyridine	4.02	79	139813	32.646	ng		85
4) n-Nitrosodimethylamine	3.91	42	85174	40.872	ng	#	77
6) Aniline	7.44	93	231981	38.435	ng		95
8) 2-Chlorophenol	7.68	128	138659	41.157	ng		96
9) Benzaldehyde	7.25	77	104075	35.750	ng		97
10) Phenol	7.32	94	185741	40.486	ng		92
11) bis(2-Chloroethyl)ether	7.53	93	136691	38.822	ng		96
12) 1,3-Dichlorobenzene	7.99	146	169885	41.343	ng		98
13) 1,4-Dichlorobenzene	8.14	146	173122	42.081	ng		98
14) 1,2-Dichlorobenzene	8.46	146	163626	41.783	ng		97
15) Benzyl Alcohol	8.36	79	159012	41.419	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	317602	41.076	ng		98
17) 2-Methylphenol	8.56	107	129577	42.217	ng		98
18) Hexachloroethane	9.19	117	64652	42.566	ng		90
19) n-Nitroso-di-n-propylamine	8.92	70	130543	39.602	ng	#	94
20) 3+4-Methylphenols	8.89	107	181228	42.834	ng		96
22) Acetophenone	8.94	105	228191	40.837	ng		96
24) Nitrobenzene	9.32	77	200867	45.030	ng		99
25) Isophorone	9.86	82	357942	40.408	ng		97
26) 2-Nitrophenol	10.02	139	86878	49.529	ng		95
27) 2,4-Dimethylphenol	10.09	122	131612	42.417	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	196555	39.788	ng		97
29) 2,4-Dichlorophenol	10.57	162	163186	45.258	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	199714	45.367	ng		98
31) Naphthalene	10.96	128	479591	43.902	ng		100
32) Benzoic acid	10.27	122	111401	44.838	ng		95
33) 4-Chloroaniline	11.07	127	220245	43.136	ng		99
34) Hexachlorobutadiene	11.25	225	145330	47.118	ng		99
35) Caprolactam	11.92	113	55124	41.112	ng	#	90
36) 4-Chloro-3-methylphenol	12.21	107	174677	44.618	ng		96
37) 2-Methylnaphthalene	12.56	142	370804	45.314	ng		97
38) 1-Methylnaphthalene	12.78	142	347658m	45.298	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	245838	44.869	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	164040	52.262	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	166798	45.727	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	170178	45.548	ng		97
46) 1,1'-Biphenyl	13.56	154	502884	43.324	ng		100
47) 2-Chloronaphthalene	13.60	162	414456	43.163	ng		97
48) 2-Nitroaniline	13.81	65	156136	46.875	ng		96
49) Acenaphthylene	14.44	152	638548	43.517	ng		99
50) Dimethylphthalate	14.19	163	542763	43.697	ng		99
51) 2,6-Dinitrotoluene	14.30	165	117312	46.029	ng		97
52) Acenaphthene	14.79	154	395866	41.295	ng		95
53) 3-Nitroaniline	14.63	138	124809	43.633	ng		99
54) 2,4-Dinitrophenol	14.83	184	71480	56.971	ng	#	71
55) Dibenzofuran	15.12	168	635545	44.603	ng		98
56) 4-Nitrophenol	14.96	139	86343	39.040	ng		93
57) 2,4-Dinitrotoluene	15.08	165	172990	50.922	ng		97
58) Fluorene	15.77	166	542310	45.924	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	171055	47.228	ng		99
60) Diethylphthalate	15.54	149	548742	43.522	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	326583	46.774	ng		99
62) 4-Nitroaniline	15.80	138	133852	43.412	ng		85
63) Azobenzene	16.05	77	518316	42.690	ng		96
65) 4,6-Dinitro-2-methylphenol	15.84	198	99664	58.512	ng		91
66) n-Nitrosodiphenylamine	15.97	169	471353	44.003	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	214894	44.601	ng		99
68) Hexachlorobenzene	16.77	284	235238	45.691	ng		96
69) Atrazine	16.93	200	132237	35.450	ng		97
70) Pentachlorophenol	17.12	266	130243	42.644	ng		96
71) Phenanthrene	17.51	178	841560	44.205	ng		98
72) Anthracene	17.60	178	830603	43.671	ng		100
73) Carbazole	17.87	167	748246	41.392	ng		98
74) Di-n-butylphthalate	18.43	149	887618	40.990	ng		99
75) Fluoranthene	19.52	202	1018625	41.285	ng		98
77) Benzidine	19.69	184	320758	32.959	ng		100
78) Pyrene	19.87	202	1007379	46.193	ng		99
80) Butylbenzylphthalate	20.76	149	366893	41.570	ng		99
81) Benzo(a)anthracene	21.72	228	951791	42.975	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	358816	41.689	ng		99
83) Chrysene	21.79	228	919176	43.815	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	479075	39.726	ng	#	97
85) Di-n-octyl phthalate	22.87	149	762403	37.085	ng		98
86) Indeno(1,2,3-cd)pyrene	28.73	276	970665	37.363	ng	#	87
88) Benzo(b)fluoranthene	23.97	252	907607	41.981	ng		98
89) Benzo(k)fluoranthene	24.04	252	897153m	43.930	ng		
90) Benzo(a)pyrene	24.86	252	860129	42.488	ng	#	98
91) Dibenzo(a,h)anthracene	28.80	278	832317	41.802	ng	#	96
92) Benzo(g,h,i)perylene	29.89	276	748439	38.538	ng	#	93

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

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