Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043096.D
Acq On : 8 Oct 2019 21:50
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/11/2019 8:30:01 AM

Quant Time: Oct 09 01:18:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65918	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	261901	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	182198	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	423710	20.00	ng		0.00
76) Chrysene-d12	21.69	240	435725	20.00	ng		0.00
87) Perylene-d12	24.90	264	513361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	315931	85.53	ng		0.00
7) Phenol-d6	7.23	99	450844	84.76	ng		0.00
23) Nitrobenzene-d5	9.22	82	440187	81.69	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	282965	90.32	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1113110	88.57	ng		0.00
79) Terphenyl-d14	20.03	244	1887136	92.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	59696	38.764	ng		89
3) Pyridine	3.94	79	173367	40.025	ng		93
4) n-Nitrosodimethylamine	3.86	42	83099	39.895	ng	#	84
6) Aniline	7.39	93	259447	40.407	ng		99
8) 2-Chlorophenol	7.63	128	169079	43.894	ng		96
9) Benzaldehyde	7.19	77	119201	36.673	ng		92
10) Phenol	7.26	94	205443	42.098	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	153816	40.737	ng		96
12) 1,3-Dichlorobenzene	7.95	146	208345	42.399	ng		97
13) 1,4-Dichlorobenzene	8.09	146	205997	42.052	ng		96
14) 1,2-Dichlorobenzene	8.42	146	201238	43.150	ng		97
15) Benzyl Alcohol	8.30	79	148116	37.038	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	249345	34.386	ng		97
17) 2-Methylphenol	8.50	107	144244	42.242	ng		96
18) Hexachloroethane	9.14	117	77581	42.052	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	142323	40.749	ng		92
20) 3+4-Methylphenols	8.83	107	200218	42.786	ng		96
22) Acetophenone	8.88	105	287086	42.525	ng	#	96
24) Nitrobenzene	9.26	77	213517	41.543	ng		96
25) Isophorone	9.78	82	386104	40.794	ng		99
26) 2-Nitrophenol	9.97	139	102663	46.922	ng		97
27) 2,4-Dimethylphenol	10.04	122	141140	42.005	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	223278	41.579	ng		99
29) 2,4-Dichlorophenol	10.51	162	186202	44.558	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	230823	42.772	ng		99
31) Naphthalene	10.91	128	549819	42.647	ng		99
32) Benzoic acid	10.15	122	36426m	17.297	ng		
33) 4-Chloroaniline	11.02	127	240241	42.943	ng		95
34) Hexachlorobutadiene	11.20	225	172169	42.609	ng		98
35) Caprolactam	11.80	113	61408	41.670	ng	#	76
36) 4-Chloro-3-methylphenol	12.14	107	192363	42.337	ng		98
37) 2-Methylnaphthalene	12.51	142	414313	42.125	ng		97
38) 1-Methylnaphthalene	12.73	142	389253	41.826	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	294058	42.925	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	166498	38.145	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	177398	44.243	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	184299	44.619	ng		99
46) 1,1'-Biphenyl	13.52	154	592367	42.873	ng		97
47) 2-Chloronaphthalene	13.56	162	457142	44.129	ng		98
48) 2-Nitroaniline	13.76	65	145942	42.365	ng		91
49) Acenaphthylene	14.40	152	695899	43.902	ng		99
50) Dimethylphthalate	14.13	163	582961	42.703	ng		99
51) 2,6-Dinitrotoluene	14.25	165	129047	44.389	ng		92
52) Acenaphthene	14.74	154	438055	41.287	ng		98
53) 3-Nitroaniline	14.58	138	132371	44.059	ng		97
54) 2,4-Dinitrophenol	14.78	184	23420	12.960	ng		95
55) Dibenzofuran	15.07	168	667738	42.544	ng		99
56) 4-Nitrophenol	14.90	139	88437	38.633	ng		96
57) 2,4-Dinitrotoluene	15.04	165	183087	43.006	ng		93
58) Fluorene	15.72	166	567738	42.369	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	174346	39.642	ng	#	98
60) Diethylphthalate	15.49	149	579611	41.719	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	342091	42.568	ng		97
62) 4-Nitroaniline	15.75	138	140077	42.750	ng		98
63) Azobenzene	16.01	77	498159	39.384	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	49511	20.650	ng		89
66) n-Nitrosodiphenylamine	15.93	169	494899	44.245	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	240277	45.182	ng		98
68) Hexachlorobenzene	16.73	284	273213	46.141	ng		97
69) Atrazine	16.88	200	182317	38.708	ng		97
70) Pentachlorophenol	17.08	266	97729	28.604	ng		96
71) Phenanthrene	17.46	178	892007	43.122	ng		98
72) Anthracene	17.55	178	881804	42.701	ng		99
73) Carbazole	17.82	167	805681	42.072	ng		99
74) Di-n-butylphthalate	18.38	149	960652	42.045	ng		99
75) Fluoranthene	19.47	202	1126913	41.188	ng		99
77) Benzidine	19.65	184	388555	35.614	ng		100
78) Pyrene	19.83	202	1140006	43.835	ng		99
80) Butylbenzylphthalate	20.71	149	444232	45.001	ng		99
81) Benzo(a)anthracene	21.67	228	1179188	43.433	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	477825	44.873	ng		99
83) Chrysene	21.74	228	1138334	43.206	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	624047	44.427	ng		97
85) Di-n-octyl phthalate	22.79	149	1042500	45.387	ng		97
86) Indeno(1,2,3-cd)pyrene	28.57	276	1486575	45.323	ng		99
88) Benzo(b)fluoranthene	23.89	252	1261036	43.413	ng		98
89) Benzo(k)fluoranthene	23.96	252	1210833	42.137	ng		99
90) Benzo(a)pyrene	24.76	252	1170425	42.708	ng		99
91) Dibenzo(a,h)anthracene	28.63	278	1232283	43.851	ng		99
92) Benzo(g,h,i)perylene	29.71	276	1191501	43.760	ng		99

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

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