Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037411.D
Acq On : 18 Oct 2018 9:15
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:40 PM

Quant Time: Oct 18 13:32:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 12:15:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52590	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	240229	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	167287	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	408415	20.00	ng		0.00
76) Chrysene-d12	21.77	240	389443	20.00	ng		0.00
87) Perylene-d12	25.11	264	381328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	15830	5.30	ng		0.00
7) Phenol-d6	7.25	99	24294	5.36	ng		0.00
23) Nitrobenzene-d5	9.28	82	21331	5.84	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	7423	4.52	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	61724	5.54	ng		0.00
79) Terphenyl-d14	20.09	244	102293	5.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	3997	2.382	ng		93
3) Pyridine	3.95	79	10030	2.517	ng		88
4) n-Nitrosodimethylamine	3.87	42	3463	2.238	ng	#	76
6) Aniline	7.43	93	14087	2.373	ng		97
8) 2-Chlorophenol	7.66	128	9381	2.682	ng		94
9) Benzaldehyde	7.25	77	8710	2.789	ng		94
10) Phenol	7.27	94	12710	2.661	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	9293	2.381	ng		95
12) 1,3-Dichlorobenzene	7.99	146	10363	2.521	ng		90
13) 1,4-Dichlorobenzene	8.15	146	11025m	2.649	ng		
14) 1,2-Dichlorobenzene	8.46	146	10794m	2.676	ng		
15) Benzyl Alcohol	8.35	79	8127	2.291	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	17074	2.213	ng		98
17) 2-Methylphenol	8.54	107	8261	2.582	ng		94
18) Hexachloroethane	9.20	117	3463	2.437	ng	#	83
19) n-Nitroso-di-n-propylamine	8.92	70	8224	2.395	ng	#	74
20) 3+4-Methylphenols	8.87	107	11295	2.525	ng		92
22) Acetophenone	8.94	105	15850	2.617	ng	#	92
24) Nitrobenzene	9.32	77	10857	2.774	ng	#	92
25) Isophorone	9.84	82	18108	2.171	ng	#	91
26) 2-Nitrophenol	10.04	139	4250	3.052	ng	#	90
27) 2,4-Dimethylphenol	10.08	122	9047m	2.595	ng		
28) bis(2-Chloroethoxy)methane	10.33	93	12787	2.450	ng		93
29) 2,4-Dichlorophenol	10.56	162	9604	2.714	ng		92
30) 1,2,4-Trichlorobenzene	10.79	180	11360	2.638	ng	#	73
31) Naphthalene	10.98	128	32164	2.755	ng		97
33) 4-Chloroaniline	11.09	127	13763	2.513	ng		92
34) Hexachlorobutadiene	11.25	225	6504	2.432	ng		92
35) Caprolactam	11.84	113	3264	2.262	ng	#	86
36) 4-Chloro-3-methylphenol	12.18	107	11291	2.701	ng		95
37) 2-Methylnaphthalene	12.58	142	22560	2.648	ng		95
38) 1-Methylnaphthalene	12.79	142	22165	2.664	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	13794	2.546	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	7769m	2.472	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.24	196	9209	2.723	ng		92
46) 1,1'-Biphenyl	13.58	154	37223	2.705	ng		96
47) 2-Chloronaphthalene	13.62	162	28253	2.718	ng		99
48) 2-Nitroaniline	13.82	65	7091	2.823	ng		93
49) Acenaphthylene	14.47	152	39840	2.505	ng		99
50) Dimethylphthalate	14.19	163	33673	2.561	ng	#	95
51) 2,6-Dinitrotoluene	14.32	165	6270	2.643	ng		86
52) Acenaphthene	14.80	154	25276	2.573	ng		93
53) 3-Nitroaniline	14.65	138	6893	2.506	ng	#	96
55) Dibenzofuran	15.14	168	45036	2.826	ng		100
57) 2,4-Dinitrotoluene	15.10	165	7329	2.459	ng	#	97
58) Fluorene	15.79	166	33062	2.743	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.36	232	7387	2.467	ng	#	98
60) Diethylphthalate	15.54	149	34855	2.558	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	18885	2.680	ng		95
62) 4-Nitroaniline	15.81	138	6542	2.266	ng		80
63) Azobenzene	16.07	77	34368	2.631	ng		95
66) n-Nitrosodiphenylamine	15.99	169	31849	2.655	ng	#	86
67) 4-Bromophenyl-phenylether	16.67	248	11564	2.624	ng		90
68) Hexachlorobenzene	16.78	284	12206	2.671	ng		97
69) Atrazine	16.93	200	10682	2.396	ng		97
71) Phenanthrene	17.53	178	56816	2.733	ng		96
72) Anthracene	17.62	178	53866	2.647	ng		100
73) Carbazole	17.89	167	52146	2.487	ng		96
74) Di-n-butylphthalate	18.43	149	55719	2.479	ng		98
75) Fluoranthene	19.53	202	62044	2.553	ng		100
77) Benzidine	19.72	184	29930	2.009	ng		98
78) Pyrene	19.90	202	65687	2.588	ng		97
80) Butylbenzylphthalate	20.77	149	22124	2.240	ng		97
81) Benzo(a)anthracene	21.75	228	59530	2.552	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	20236	2.249	ng		99
83) Chrysene	21.82	228	58537	2.631	ng		94
84) Bis(2-ethylhexyl)phthalate	21.63	149	31911	2.250	ng		100
85) Di-n-octyl phthalate	22.88	149	50029	2.174	ng		96
86) Indeno(1,2,3-cd)pyrene	28.92	276	52389m	2.124	ng		
88) Benzo(b)fluoranthene	24.03	252	52868	2.550	ng		96
89) Benzo(k)fluoranthene	24.11	252	52331	2.558	ng		99
90) Benzo(a)pyrene	24.95	252	48206	2.425	ng		100
91) Dibenzo(a,h)anthracene	28.99	278	43877m	2.307	ng		
92) Benzo(g,h,i)perylene	30.13	276	44963m	2.367	ng		

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

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