Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037253.D
Acq On : 11 Oct 2018 11:43
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
10/12/2018 8:53:04 AM

Quant Time: Oct 11 13:13:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 12:41:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	48523	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	227950	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	149937	20.00	ng		0.00
64) Phenanthrene-d10	17.51	188	364121	20.00	ng		0.00
76) Chrysene-d12	21.80	240	330912	20.00	ng		0.00
87) Perylene-d12	25.15	264	358671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	276523	96.53	ng		0.00
7) Phenol-d6	7.26	99	419536	99.45	ng		0.00
23) Nitrobenzene-d5	9.30	82	371616	115.86	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	158119	103.59	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	953832	95.17	ng		0.00
79) Terphenyl-d14	20.11	244	1501301	94.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	71936	46.229	ng		98
3) Pyridine	3.95	79	187568	50.320	ng		98
4) n-Nitrosodimethylamine	3.86	42	72110	48.612	ng	#	95
6) Aniline	7.45	93	268437	48.733	ng		98
8) 2-Chlorophenol	7.68	128	160890	48.912	ng		100
9) Benzaldehyde	7.26	77	137040	46.840	ng		97
10) Phenol	7.28	94	222776	50.051	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	177480	49.863	ng		97
12) 1,3-Dichlorobenzene	8.01	146	183296	48.726	ng		97
13) 1,4-Dichlorobenzene	8.16	146	186410	48.416	ng		98
14) 1,2-Dichlorobenzene	8.48	146	177715	48.832	ng		97
15) Benzyl Alcohol	8.36	79	168836	49.460	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	342763	45.591	ng		98
17) 2-Methylphenol	8.55	107	152255	49.687	ng		98
18) Hexachloroethane	9.21	117	63852	48.721	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	157340	48.005	ng		98
20) 3+4-Methylphenols	8.88	107	213595	50.405	ng		99
22) Acetophenone	8.95	105	281348	47.929	ng	#	99
24) Nitrobenzene	9.35	77	200567	59.100	ng		98
25) Isophorone	9.86	82	397329	48.057	ng		98
26) 2-Nitrophenol	10.05	139	68865	63.502	ng		96
27) 2,4-Dimethylphenol	10.09	122	164026	47.241	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	246279	49.519	ng		98
29) 2,4-Dichlorophenol	10.58	162	179290	51.446	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	199228	49.172	ng		98
31) Naphthalene	11.00	128	538009	48.394	ng		100
32) Benzoic acid	10.22	122	93567m	53.213	ng		
33) 4-Chloroaniline	11.10	127	257244	48.481	ng		98
34) Hexachlorobutadiene	11.27	225	123844	49.312	ng		99
35) Caprolactam	11.90	113	73420	50.189	ng		93
36) 4-Chloro-3-methylphenol	12.20	107	207384	49.903	ng		98
37) 2-Methylnaphthalene	12.59	142	394081	48.590	ng		98
38) 1-Methylnaphthalene	12.81	142	386381	51.090	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	238306	48.893	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	102838	48.054 ng	97
43) 2,4,6-Trichlorophenol	13.19	196	152971	52.194 ng	99
44) 2,4,5-Trichlorophenol	13.26	196	160991	53.533 ng	97
46) 1,1'-Biphenyl	13.59	154	599494	48.574 ng	98
47) 2-Chloronaphthalene	13.64	162	451473	48.397 ng	98
48) 2-Nitroaniline	13.85	65	123422	61.532 ng	98
49) Acenaphthylene	14.49	152	691624	48.353 ng	99
50) Dimethylphthalate	14.21	163	584458	47.899 ng	100
51) 2,6-Dinitrotoluene	14.33	165	112171	62.619 ng	97
52) Acenaphthene	14.82	154	429797	48.433 ng	100
53) 3-Nitroaniline	14.67	138	128641	65.292 ng	99
54) 2,4-Dinitrophenol	14.86	184	30546	57.320 ng	97
55) Dibenzofuran	15.16	168	682687	47.880 ng	98
56) 4-Nitrophenol	14.94	139	102924	64.241 ng	97
57) 2,4-Dinitrotoluene	15.12	165	141948	65.232 ng	95
58) Fluorene	15.80	166	518931	47.961 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	148142	54.570 ng	99
60) Diethylphthalate	15.57	149	615290	48.395 ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	306067	48.463 ng	99
62) 4-Nitroaniline	15.83	138	134409	61.076 ng	99
63) Azobenzene	16.08	77	560461	47.008 ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	56135	56.388 ng	99
66) n-Nitrosodiphenylamine	16.01	169	519963	47.508 ng	99
67) 4-Bromophenyl-phenylether	16.69	248	193952	48.877 ng	98
68) Hexachlorobenzene	16.80	284	196355	47.483 ng	98
69) Atrazine	16.95	200	199575	47.144 ng	97
70) Pentachlorophenol	17.14	266	139695	54.402 ng	93
71) Phenanthrene	17.55	178	878290	47.646 ng	100
72) Anthracene	17.64	178	869952	47.347 ng	98
73) Carbazole	17.91	167	897110	46.908 ng	100
74) Di-n-butylphthalate	18.45	149	1021565	47.084 ng	99
75) Fluoranthene	19.55	202	1038625	46.911 ng	98
77) Benzidine	19.73	184	644282	47.095 ng	98
78) Pyrene	19.92	202	1060122	49.107 ng	99
80) Butylbenzylphthalate	20.80	149	445797	53.109 ng	96
81) Benzo(a)anthracene	21.77	228	967096	48.534 ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	393875	49.911 ng	99
83) Chrysene	21.84	228	926673	49.063 ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	629725	51.497 ng	97
85) Di-n-octyl phthalate	22.93	149	1035090	52.406 ng	100
86) Indeno(1,2,3-cd)pyrene	29.01	276	1077147	50.690 ng	98
88) Benzo(b)fluoranthene	24.08	252	969491	49.549 ng	99
89) Benzo(k)fluoranthene	24.15	252	919639	47.375 ng	97
90) Benzo(a)pyrene	24.99	252	920922	48.633 ng	98
91) Dibenzo(a,h)anthracene	29.08	278	874798	48.789 ng	98
92) Benzo(g,h,i)perylene	30.21	276	885259	49.289 ng	97

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

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