Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038324.D
Acq On : 4 Dec 2018 11:24
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
12/6/2018 10:32:40 AM

Quant Time: Dec 04 16:09:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 13:58:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37447	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	153833	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	99229	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	252487	20.00	ng		0.00
76) Chrysene-d12	21.74	240	225371	20.00	ng		0.00
87) Perylene-d12	25.04	264	224234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	10236	4.72	ng		0.00
7) Phenol-d6	7.22	99	16980	5.48	ng		0.00
23) Nitrobenzene-d5	9.25	82	18324	6.38	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	5046	4.46	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	34417	5.05	ng		0.00
79) Terphenyl-d14	20.06	244	58193	6.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	2732	2.667	ng		89
3) Pyridine	3.93	79	6656	2.278	ng	#	82
4) n-Nitrosodimethylamine	3.85	42	2873m	2.710	ng		
6) Aniline	7.40	93	9875	2.471	ng		94
8) 2-Chlorophenol	7.64	128	6244	2.481	ng		94
10) Phenol	7.25	94	8553	2.608	ng		95
11) bis(2-Chloroethyl)ether	7.49	93	6958	2.599	ng		99
12) 1,3-Dichlorobenzene	7.96	146	7032	2.426	ng		92
13) 1,4-Dichlorobenzene	8.11	146	7530m	2.571	ng		
15) Benzyl Alcohol	8.32	79	5309	2.370	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	15203	3.058	ng		96
18) Hexachloroethane	9.16	117	2600	2.439	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	5218	2.329	ng	#	85
22) Acetophenone	8.90	105	9915	2.590	ng	#	89
24) Nitrobenzene	9.29	77	9807	3.336	ng		96
25) Isophorone	9.80	82	12199	2.358	ng		97
26) 2-Nitrophenol	10.01	139	3015	2.054	ng	#	78
27) 2,4-Dimethylphenol	10.04	122	4454	2.014	ng		95
28) bis(2-Chloroethoxy)methane	10.29	93	7572	2.289	ng		95
29) 2,4-Dichlorophenol	10.54	162	5137	2.065	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	6791	2.437	ng		96
31) Naphthalene	10.94	128	18798	2.484	ng		95
33) 4-Chloroaniline	11.07	127	7023	1.995	ng		95
34) Hexachlorobutadiene	11.20	225	4222	2.461	ng	#	90
36) 4-Chloro-3-methylphenol	12.17	107	5755	2.118	ng		95
37) 2-Methylnaphthalene	12.55	142	12848	2.364	ng		96
38) 1-Methylnaphthalene	12.76	142	13258	2.534	ng		90
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	8228	2.481	ng		98
41) Hexachlorocyclopentadiene	12.86	237	3741	2.107	ng		82
43) 2,4,6-Trichlorophenol	13.15	196	4203	1.860	ng		94
44) 2,4,5-Trichlorophenol	13.22	196	4662	1.961	ng		90
46) 1,1'-Biphenyl	13.54	154	20936	2.511	ng		93
47) 2-Chloronaphthalene	13.59	162	15498	2.436	ng		96
48) 2-Nitroaniline	13.81	65	4610	2.303	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.43	152	23617	2.469	ng		95
50) Dimethylphthalate	14.15	163	18773	2.386	ng	#	95
51) 2,6-Dinitrotoluene	14.29	165	4323	2.428	ng		96
52) Acenaphthene	14.77	154	15037	2.611	ng		92
53) 3-Nitroaniline	14.63	138	4273	2.175	ng	#	93
55) Dibenzofuran	15.10	168	24916	2.616	ng		97
57) 2,4-Dinitrotoluene	15.07	165	5312	2.193	ng	#	95
58) Fluorene	15.76	166	17152	2.414	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.33	232	4308	2.166	ng	#	97
61) 4-Chlorophenyl-phenylether	15.74	204	10282	2.473	ng		98
62) 4-Nitroaniline	15.79	138	3704	1.898	ng		96
63) Azobenzene	16.03	77	18535	2.481	ng		95
66) n-Nitrosodiphenylamine	15.96	169	16325	2.137	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	6151	2.220	ng		90
68) Hexachlorobenzene	16.75	284	6772	2.367	ng		92
69) Atrazine	16.90	200	6174	2.193	ng		91
71) Phenanthrene	17.49	178	31901	2.468	ng		97
72) Anthracene	17.59	178	30302	2.378	ng		97
73) Carbazole	17.86	167	30456	2.382	ng		96
74) Di-n-butylphthalate	18.39	149	33920	2.364	ng		99
75) Fluoranthene	19.50	202	37070	2.513	ng		97
77) Benzidine	19.70	184	19573	2.475	ng	#	96
78) Pyrene	19.87	202	48231	3.273	ng		97
80) Butylbenzylphthalate	20.74	149	14759	2.290	ng		89
81) Benzo(a)anthracene	21.72	228	34266	2.516	ng		94
82) 3,3'-Dichlorobenzidine	21.63	252	11846	2.233	ng	#	87
83) Chrysene	21.78	228	31840	2.443	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	20878	2.272	ng		94
85) Di-n-octyl phthalate	22.82	149	32723	2.201	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.82	276	31150	2.152	ng	#	83
88) Benzo(b)fluoranthene	23.99	252	32575	2.640	ng	#	94
89) Benzo(k)fluoranthene	24.05	252	34598	2.841	ng	#	92
90) Benzo(a)pyrene	24.89	252	29562	2.507	ng		99
91) Dibenzo(a,h)anthracene	28.89	278	26912	2.372	ng	#	90
92) Benzo(g,h,i)perylene	30.03	276	26060	2.310	ng		96

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

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