Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037250.D
Acq On : 11 Oct 2018 9:46
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
10/12/2018 8:52:54 AM

Quant Time: Oct 11 13:00:32 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	43303	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	204424	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	137774	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	347030	20.00	ng		0.00
76) Chrysene-d12	21.79	240	343108	20.00	ng		0.00
87) Perylene-d12	25.14	264	345202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	48716	19.06	ng		0.00
7) Phenol-d6	7.25	99	73077	19.41	ng		0.00
23) Nitrobenzene-d5	9.29	82	53861	18.73	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	23831	16.99	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	191639	20.81	ng		0.00
79) Terphenyl-d14	20.11	244	357384	21.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	14059	10.124	ng		97
3) Pyridine	3.95	79	32792	9.858	ng		99
4) n-Nitrosodimethylamine	3.87	42	12661	9.564	ng	#	82
6) Aniline	7.44	93	50495	10.272	ng		93
8) 2-Chlorophenol	7.68	128	28167	9.595	ng		99
9) Benzaldehyde	7.26	77	29203	11.185	ng		98
10) Phenol	7.28	94	39846	10.031	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	31657	9.966	ng		96
12) 1,3-Dichlorobenzene	8.01	146	35573	10.596	ng		93
13) 1,4-Dichlorobenzene	8.16	146	35352	10.289	ng		99
14) 1,2-Dichlorobenzene	8.48	146	35800	11.023	ng		99
15) Benzyl Alcohol	8.35	79	28994	9.518	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	67381	10.043	ng		96
17) 2-Methylphenol	8.55	107	25810	9.438	ng		96
18) Hexachloroethane	9.21	117	11757	10.052	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	28391	9.706	ng		96
20) 3+4-Methylphenols	8.87	107	35023	9.261	ng		99
22) Acetophenone	8.95	105	52988	10.066	ng	#	97
24) Nitrobenzene	9.34	77	29620	9.732	ng		97
25) Isophorone	9.86	82	69837	9.419	ng		100
26) 2-Nitrophenol	10.05	139	8682	8.927	ng		96
27) 2,4-Dimethylphenol	10.09	122	29403	9.443	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	45020	10.094	ng		99
29) 2,4-Dichlorophenol	10.58	162	27335	8.746	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	36475	10.039	ng		95
31) Naphthalene	11.00	128	102687	10.300	ng		98
32) Benzoic acid	10.15	122	12160m	7.711	ng		
33) 4-Chloroaniline	11.10	127	47221	9.924	ng		98
34) Hexachlorobutadiene	11.26	225	23195	10.299	ng		97
35) Caprolactam	11.86	113	11290	8.606	ng		97
36) 4-Chloro-3-methylphenol	12.20	107	33574	9.009	ng		97
37) 2-Methylnaphthalene	12.59	142	73700	10.133	ng		98
38) 1-Methylnaphthalene	12.81	142	74325m	10.959	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	43685	9.754	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	15541	7.903	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	22415	8.323	ng		96
44) 2,4,5-Trichlorophenol	13.26	196	25182	9.113	ng		99
46) 1,1'-Biphenyl	13.60	154	116031	10.231	ng		100
47) 2-Chloronaphthalene	13.64	162	87324	10.187	ng		96
48) 2-Nitroaniline	13.84	65	15246	8.272	ng		98
49) Acenaphthylene	14.48	152	136788	10.407	ng		95
50) Dimethylphthalate	14.21	163	110239	9.832	ng		97
51) 2,6-Dinitrotoluene	14.33	165	13790	8.378	ng		94
52) Acenaphthene	14.82	154	82541	10.123	ng		98
53) 3-Nitroaniline	14.66	138	17878	9.875	ng	#	91
54) 2,4-Dinitrophenol	14.86	184	4270	8.720	ng	#	88
55) Dibenzofuran	15.15	168	138265	10.553	ng		96
56) 4-Nitrophenol	14.94	139	13205	8.970	ng		95
57) 2,4-Dinitrotoluene	15.11	165	16989	8.497	ng		91
58) Fluorene	15.80	166	104490	10.510	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.36	232	21288	8.534	ng	#	99
60) Diethylphthalate	15.56	149	115752	9.908	ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	59862	10.315	ng		98
62) 4-Nitroaniline	15.82	138	19936	9.859	ng		88
63) Azobenzene	16.08	77	113106	10.324	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	7257	7.649	ng		98
66) n-Nitrosodiphenylamine	16.00	169	105308	10.096	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	37104	9.811	ng		96
68) Hexachlorobenzene	16.79	284	39356	9.986	ng		98
69) Atrazine	16.94	200	38029	9.426	ng		96
70) Pentachlorophenol	17.14	266	18552	7.581	ng		90
71) Phenanthrene	17.54	178	184716	10.514	ng		97
72) Anthracene	17.64	178	183646	10.487	ng		99
73) Carbazole	17.90	167	188833	10.360	ng		98
74) Di-n-butylphthalate	18.45	149	195773	9.468	ng		98
75) Fluoranthene	19.55	202	222414	10.540	ng		99
77) Benzidine	19.73	184	132694	9.355	ng		97
78) Pyrene	19.91	202	233751	10.443	ng		97
80) Butylbenzylphthalate	20.79	149	69861	8.027	ng		97
81) Benzo(a)anthracene	21.77	228	210493	10.188	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	79464	9.712	ng		97
83) Chrysene	21.84	228	203786	10.406	ng		96
84) Bis(2-ethylhexyl)phthalate	21.67	149	102354	8.073	ng		100
85) Di-n-octyl phthalate	22.93	149	159994	7.812	ng		98
86) Indeno(1,2,3-cd)pyrene	28.98	276	207405	9.414	ng		98
88) Benzo(b)fluoranthene	24.07	252	187930	9.980	ng		98
89) Benzo(k)fluoranthene	24.14	252	196146	10.499	ng		99
90) Benzo(a)pyrene	24.98	252	181275	9.946	ng		98
91) Dibenzo(a,h)anthracene	29.07	278	172082	9.972	ng		98
92) Benzo(g,h,i)perylene	30.19	276	169805	9.823	ng		100

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

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