Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032832.D
Acq On : 26 Feb 2018 22:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:20 AM

Quant Time: Feb 27 02:16:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	70097	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	322509	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	182476	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	395530	20.00	ng		0.00
75) Chrysene-d12	22.63	240	367377	20.00	ng		0.00
86) Perylene-d12	26.44	264	398706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	363673	83.00	ng		0.00
7) Phenol-d6	8.02	99	498016	81.55	ng		0.00
23) Nitrobenzene-d5	10.12	82	425127	90.72	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	167473	87.29	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	983662	77.75	ng		0.00
78) Terphenyl-d14	20.79	244	1233047	75.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	78022	41.031	ng		87
3) Pyridine	4.43	79	222293	42.414	ng		93
4) n-Nitrosodimethylamine	4.34	42	87274	41.534	ng	#	93
6) Aniline	8.22	93	324033	39.197	ng		96
8) 2-Chlorophenol	8.47	128	196811	41.039	ng		91
9) Benzaldehyde	8.02	77	125699	35.712	ng		86
10) Phenol	8.05	94	249723	40.563	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	193564	38.451	ng		93
12) 1,3-Dichlorobenzene	8.81	146	221501	39.433	ng		96
13) 1,4-Dichlorobenzene	8.96	146	220294	38.962	ng		95
14) 1,2-Dichlorobenzene	9.30	146	211387	39.015	ng		96
15) Benzyl Alcohol	9.16	79	179116	39.895	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	324390	37.484	ng		96
17) 2-Methylphenol	9.35	107	178595	39.341	ng		95
18) Hexachloroethane	10.05	117	79373	41.230	ng	#	85
19) n-Nitroso-di-n-propylamine	9.74	70	168819	39.156	ng	#	97
20) 3+4-Methylphenols	9.68	107	255983	40.554	ng		94
22) Acetophenone	9.77	105	321618	39.487	ng	#	94
24) Nitrobenzene	10.17	77	222992	43.974	ng		90
25) Isophorone	10.69	82	435036	38.431	ng	#	93
26) 2-Nitrophenol	10.89	139	101598	53.666	ng		89
27) 2,4-Dimethylphenol	10.92	122	195263	39.708	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	257493	39.047	ng	#	95
29) 2,4-Dichlorophenol	11.43	162	183048	41.014	ng		97
30) 1,2,4-Trichlorobenzene	11.66	180	205096	39.203	ng		98
31) Naphthalene	11.86	128	663271	39.358	ng		99
32) Benzoic acid	11.04	122	164561m	51.834	ng		
33) 4-Chloroaniline	11.95	127	297003	39.416	ng		95
34) Hexachlorobutadiene	12.13	225	111442	37.976	ng		96
35) Caprolactam	12.69	113	76448	42.778	ng	#	87
36) 4-Chloro-3-methylphenol	13.00	107	217160	41.812	ng		94
37) 2-Methylnaphthalene	13.41	142	479257	39.308	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	211914	39.121	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	112637	40.801	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	142973	41.853	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	166592	42.136	ng	#	96
45) 1,1'-Biphenyl	14.38	154	623483	39.101	ng		96
46) 2-Chloronaphthalene	14.44	162	465946	39.118	ng		97
47) 2-Nitroaniline	14.62	65	144843	48.173	ng		88
48) Acenaphthylene	15.27	152	766352	39.297	ng		97
49) Dimethylphthalate	14.97	163	596684	38.511	ng		99
50) 2,6-Dinitrotoluene	15.09	165	125080	48.630	ng		90
51) Acenaphthene	15.61	154	487105	40.107	ng		98
52) 3-Nitroaniline	15.42	138	147597	46.755	ng	#	82
53) 2,4-Dinitrophenol	15.62	184	38111	54.141	ng	#	1
54) Dibenzofuran	15.93	168	669570	38.718	ng		94
55) 4-Nitrophenol	15.69	139	103878	44.398	ng	#	79
56) 2,4-Dinitrotoluene	15.86	165	169530	54.580	ng		87
57) Fluorene	16.57	166	553883	38.806	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	129186m	42.085	ng		
59) Diethylphthalate	16.30	149	629347	38.511	ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	269989	38.667	ng		93
61) 4-Nitroaniline	16.57	138	149141	44.854	ng		82
62) Azobenzene	16.84	77	563499	38.544	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	73497	58.567	ng		94
65) n-Nitrosodiphenylamine	16.76	169	508897	39.550	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	160762	38.439	ng	#	88
67) Hexachlorobenzene	17.57	284	176043	38.951	ng		95
68) Atrazine	17.68	200	164280	38.787	ng		97
69) Pentachlorophenol	17.90	266	123667	43.440	ng		98
70) Phenanthrene	18.31	178	859606	38.955	ng		97
71) Anthracene	18.40	178	871821	39.353	ng		99
72) Carbazole	18.65	167	845150	38.704	ng		98
73) Di-n-butylphthalate	19.16	149	1061670	39.631	ng		99
74) Fluoranthene	20.26	202	954445	39.156	ng		94
76) Benzidine	20.41	184	546203	43.617	ng		97
77) Pyrene	20.62	202	975464	37.652	ng		96
79) Butylbenzylphthalate	21.49	149	489184	42.588	ng		92
80) Benzo(a)anthracene	22.60	228	918656	38.995	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	350345	40.154	ng	#	98
82) Chrysene	22.68	228	884046	39.284	ng		98
83) Bis(2-ethylhexyl)phthalate	22.44	149	713468	41.962	ng	#	96
84) Di-n-octyl phthalate	23.87	149	1131670	43.666	ng		99
85) Indeno(1,2,3-cd)pyrene	30.87	276	1055482	40.217	ng		99
87) Benzo(b)fluoranthene	25.22	252	907224	38.484	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	914582	39.036	ng	#	95
89) Benzo(a)pyrene	26.26	252	876264	39.080	ng	#	96
90) Dibenzo(a,h)anthracene	30.96	278	877058	38.860	ng	#	92
91) Benzo(g,h,i)perylene	32.26	276	875980	39.373	ng	#	91

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

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