Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033161.D
Acq On : 15 Mar 2018 1:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/15/2018 7:00:10 PM

Quant Time: Mar 15 05:10:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	46966	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	229823	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	144837	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	340818	20.00	ng		0.00
75) Chrysene-d12	22.61	240	303886	20.00	ng		0.00
86) Perylene-d12	26.41	264	330006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	214437	73.05	ng		0.00
7) Phenol-d6	8.00	99	307282	75.10	ng		0.00
23) Nitrobenzene-d5	10.10	82	300297	90.01	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	159769	104.91	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	722711	71.97	ng		0.00
78) Terphenyl-d14	20.76	244	1019440	75.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	39826	31.259	ng		95
3) Pyridine	4.42	79	120059	34.189	ng	#	88
4) n-Nitrosodimethylamine	4.32	42	61600	43.754	ng	#	80
6) Aniline	8.19	93	197985	35.745	ng		98
8) 2-Chlorophenol	8.44	128	120333	37.449	ng		96
9) Benzaldehyde	8.00	77	92198	39.095	ng		93
10) Phenol	8.03	94	157193	38.109	ng		98
11) bis(2-Chloroethyl)ether	8.28	93	116541	34.552	ng		99
12) 1,3-Dichlorobenzene	8.79	146	137425	36.515	ng		97
13) 1,4-Dichlorobenzene	8.93	146	137089	36.187	ng		98
14) 1,2-Dichlorobenzene	9.27	146	133675	36.823	ng		97
15) Benzyl Alcohol	9.13	79	120433	40.035	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	233678	40.301	ng		99
17) 2-Methylphenol	9.33	107	112703	37.053	ng		97
18) Hexachloroethane	10.02	117	48955	37.954	ng	#	81
19) n-Nitroso-di-n-propylamine	9.71	70	111999	38.771	ng	#	91
20) 3+4-Methylphenols	9.67	107	168596	39.864	ng		97
22) Acetophenone	9.74	105	208785	35.972	ng	#	99
24) Nitrobenzene	10.14	77	156233	43.341	ng		96
25) Isophorone	10.67	82	299758	37.160	ng		96
26) 2-Nitrophenol	10.87	139	77012	56.089	ng		96
27) 2,4-Dimethylphenol	10.90	122	122663	35.004	ng		93
28) bis(2-Chloroethoxy)methane	11.14	93	162228	34.522	ng		97
29) 2,4-Dichlorophenol	11.41	162	126412	39.747	ng		93
30) 1,2,4-Trichlorobenzene	11.63	180	139596	37.444	ng		98
31) Naphthalene	11.83	128	432973	36.054	ng		99
32) Benzoic acid	11.01	122	36053m	23.227	ng		
33) 4-Chloroaniline	11.93	127	195152	36.344	ng		98
34) Hexachlorobutadiene	12.10	225	83472	39.916	ng		96
35) Caprolactam	12.69	113	52729	41.405	ng		93
36) 4-Chloro-3-methylphenol	12.99	107	159900	43.203	ng		96
37) 2-Methylnaphthalene	13.39	142	324484	37.347	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	162719	37.846	ng	#	97
40) Hexachlorocyclopentadiene	13.71	237	87949	40.137	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	113624	41.905	ng		96
43) 2,4,5-Trichlorophenol	14.04	196	129547	41.281	ng		97
45) 1,1'-Biphenyl	14.35	154	445151	35.172	ng		98
46) 2-Chloronaphthalene	14.41	162	331989	35.115	ng		96
47) 2-Nitroaniline	14.60	65	123767	51.108	ng		95
48) Acenaphthylene	15.25	152	559337	36.136	ng		99
49) Dimethylphthalate	14.94	163	452140	36.765	ng		99
50) 2,6-Dinitrotoluene	15.08	165	99018	48.526	ng		92
51) Acenaphthene	15.58	154	345997	35.892	ng		95
52) 3-Nitroaniline	15.41	138	110774	44.620	ng	#	86
53) 2,4-Dinitrophenol	15.61	184	15227m	32.023	ng		
54) Dibenzofuran	15.91	168	502586	36.615	ng		92
55) 4-Nitrophenol	15.69	139	77982	42.376	ng		93
56) 2,4-Dinitrotoluene	15.85	165	139142	55.958	ng		88
57) Fluorene	16.55	166	414457	36.583	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	111816	45.893	ng		91
59) Diethylphthalate	16.28	149	485814	37.453	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	216699	39.101	ng		90
61) 4-Nitroaniline	16.56	138	115164	43.780	ng		95
62) Azobenzene	16.82	77	421623	36.334	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	46499	47.242	ng		95
65) n-Nitrosodiphenylamine	16.74	169	389688	35.147	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	139997	38.847	ng	#	89
67) Hexachlorobenzene	17.55	284	153853	39.506	ng		96
68) Atrazine	17.66	200	130878	35.862	ng		97
69) Pentachlorophenol	17.89	266	95457	38.914	ng		99
70) Phenanthrene	18.29	178	679027	35.711	ng		98
71) Anthracene	18.38	178	681665	35.709	ng		99
72) Carbazole	18.64	167	643577	34.204	ng	#	97
73) Di-n-butylphthalate	19.13	149	810385	35.107	ng		98
74) Fluoranthene	20.24	202	755637	35.976	ng		96
76) Benzidine	20.40	184	372448	35.956	ng		98
77) Pyrene	20.60	202	767560	35.817	ng		99
79) Butylbenzylphthalate	21.46	149	348116	36.638	ng		95
80) Benzo(a)anthracene	22.58	228	699375	35.890	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	269794	37.382	ng		99
82) Chrysene	22.66	228	676401	36.337	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	489393	34.797	ng		96
84) Di-n-octyl phthalate	23.82	149	767289	35.792	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	816178	37.596	ng	#	94
87) Benzo(b)fluoranthene	25.19	252	693801	35.557	ng		99
88) Benzo(k)fluoranthene	25.27	252	699851	36.090	ng		97
89) Benzo(a)pyrene	26.23	252	670215	36.113	ng		98
90) Dibenzo(a,h)anthracene	30.91	278	685057	36.672	ng		98
91) Benzo(g,h,i)perylene	32.24	276	675140	36.663	ng		99

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

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