Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022218\
Data File : BG032781.D
Acq On : 22 Feb 2018 15:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/23/2018 10:21:34 AM

Quant Time: Feb 22 18:06:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 15:45:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	78339	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	359342	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	203970	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	440956	20.00	ng		0.00
75) Chrysene-d12	22.63	240	408826	20.00	ng		-0.01
86) Perylene-d12	26.44	264	447324	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	396639	81.00	ng		0.00
7) Phenol-d6	8.02	99	554101	81.18	ng		0.00
23) Nitrobenzene-d5	10.13	82	456313	87.76	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	186311	86.87	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	1097762	77.62	ng		0.00
78) Terphenyl-d14	20.79	244	1366822	75.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	83989	39.522	ng		86
3) Pyridine	4.44	79	243980	41.654	ng		94
4) n-Nitrosodimethylamine	4.34	42	95700	40.752	ng	#	94
6) Aniline	8.22	93	365561	39.569	ng		97
8) 2-Chlorophenol	8.47	128	217798	40.637	ng		92
9) Benzaldehyde	8.02	77	149322	37.960	ng		89
10) Phenol	8.05	94	277064	40.270	ng		89
11) bis(2-Chloroethyl)ether	8.31	93	222216	39.498	ng		93
12) 1,3-Dichlorobenzene	8.81	146	248528	39.590	ng		97
13) 1,4-Dichlorobenzene	8.96	146	248490	39.325	ng		96
14) 1,2-Dichlorobenzene	9.30	146	235980	38.971	ng		97
15) Benzyl Alcohol	9.16	79	202118	40.282	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.46	45	368137	38.064	ng		95
17) 2-Methylphenol	9.35	107	204777	40.362	ng		95
18) Hexachloroethane	10.06	117	88471	41.121	ng	#	86
19) n-Nitroso-di-n-propylamine	9.74	70	190714	39.580	ng	#	96
20) 3+4-Methylphenols	9.69	107	289761	41.076	ng		94
22) Acetophenone	9.77	105	360657	39.741	ng	#	94
24) Nitrobenzene	10.17	77	244554	43.383	ng		91
25) Isophorone	10.70	82	499428	39.597	ng	#	94
26) 2-Nitrophenol	10.90	139	105250	50.936	ng		90
27) 2,4-Dimethylphenol	10.93	122	223736	40.834	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	290717	39.566	ng		96
29) 2,4-Dichlorophenol	11.44	162	205535	41.332	ng		95
30) 1,2,4-Trichlorobenzene	11.67	180	225994	38.770	ng		98
31) Naphthalene	11.87	128	742074	39.520	ng		99
32) Benzoic acid	11.04	122	171451	49.512	ng	#	78
33) 4-Chloroaniline	11.95	127	330776	39.398	ng		94
34) Hexachlorobutadiene	12.13	225	126501	38.689	ng		97
35) Caprolactam	12.71	113	88611	44.502	ng	#	85
36) 4-Chloro-3-methylphenol	13.01	107	245723	42.462	ng		93
37) 2-Methylnaphthalene	13.41	142	539799	39.736	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	236593	39.075	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	126714	41.064	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	161842	42.384	ng		96
43) 2,4,5-Trichlorophenol	14.06	196	188616	42.679	ng	#	97
45) 1,1'-Biphenyl	14.39	154	698635	39.197	ng		95
46) 2-Chloronaphthalene	14.44	162	519673	39.031	ng		96
47) 2-Nitroaniline	14.62	65	154515	46.423	ng		92
48) Acenaphthylene	15.27	152	855130	39.229	ng		98
49) Dimethylphthalate	14.97	163	665617	38.433	ng		99
50) 2,6-Dinitrotoluene	15.09	165	132376	46.517	ng		91
51) Acenaphthene	15.61	154	529684	39.017	ng		98
52) 3-Nitroaniline	15.43	138	158136	45.127	ng	#	89
53) 2,4-Dinitrophenol	15.62	184	28506	39.886	ng	#	1
54) Dibenzofuran	15.93	168	741013	38.334	ng		95
55) 4-Nitrophenol	15.68	139	115702	44.266	ng	#	79
56) 2,4-Dinitrotoluene	15.87	165	173294	51.064	ng		88
57) Fluorene	16.58	166	617210	38.686	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	148067m	43.153	ng		
59) Diethylphthalate	16.31	149	708008	38.759	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	301383	38.615	ng		91
61) 4-Nitroaniline	16.57	138	163456	44.083	ng		85
62) Azobenzene	16.84	77	625805	38.295	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	66892	50.878	ng		96
65) n-Nitrosodiphenylamine	16.76	169	571873	39.866	ng		98
66) 4-Bromophenyl-phenylether	17.45	248	181924	39.017	ng	#	90
67) Hexachlorobenzene	17.57	284	197779	39.252	ng		95
68) Atrazine	17.68	200	189366	40.104	ng		97
69) Pentachlorophenol	17.90	266	137644	43.369	ng		98
70) Phenanthrene	18.31	178	954939	38.817	ng		97
71) Anthracene	18.40	178	969346	39.248	ng		98
72) Carbazole	18.65	167	940938	38.652	ng	#	97
73) Di-n-butylphthalate	19.16	149	1181254	39.553	ng		98
74) Fluoranthene	20.26	202	1057909	38.930	ng		93
76) Benzidine	20.41	184	463628	33.269	ng		98
77) Pyrene	20.61	202	1091106	37.846	ng		97
79) Butylbenzylphthalate	21.49	149	544312	42.583	ng		93
80) Benzo(a)anthracene	22.60	228	1024203	39.068	ng		98
81) 3,3'-Dichlorobenzidine	22.49	252	400135	41.211	ng	#	97
82) Chrysene	22.68	228	985733	39.362	ng		97
83) Bis(2-ethylhexyl)phthalate	22.46	149	791546	41.834	ng		96
84) Di-n-octyl phthalate	23.89	149	1263586	43.813	ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	1207657	41.350	ng		98
87) Benzo(b)fluoranthene	25.21	252	1035046	39.134	ng	#	97
88) Benzo(k)fluoranthene	25.30	252	1040474	39.583	ng	#	95
89) Benzo(a)pyrene	26.26	252	1000360	39.765	ng	#	96
90) Dibenzo(a,h)anthracene	30.97	278	1010365	39.901	ng	#	93
91) Benzo(g,h,i)perylene	32.27	276	987186	39.549	ng	#	90

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

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