Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032760.D
Acq On : 21 Feb 2018 14:04
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
2/22/2018 3:13:53 PM

Quant Time: Feb 21 14:46:27 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 13:32:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	66659	20.00	ng		0.00
21) Naphthalene-d8	11.82	136	301628	20.00	ng		0.00
38) Acenaphthene-d10	15.55	164	163390	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	341508	20.00	ng		0.00
75) Chrysene-d12	22.64	240	298032	20.00	ng		0.00
86) Perylene-d12	26.46	264	321689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	524510	157.87	ng		0.00
7) Phenol-d6	8.03	99	709363	156.14	ng		0.00
23) Nitrobenzene-d5	10.14	82	562007	118.42	ng		0.00
41) 2,4,6-Tribromophenol	17.02	330	225327	89.56	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	1359314	104.04	ng		0.00
78) Terphenyl-d14	20.79	244	1574596	120.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	111667	80.345	ng		88
3) Pyridine	4.44	79	320384	89.871	ng		97
4) n-Nitrosodimethylamine	4.34	42	126115	75.288	ng	#	92
6) Aniline	8.22	93	472067	87.918	ng		96
8) 2-Chlorophenol	8.48	128	287555	75.267	ng		93
9) Benzaldehyde	8.03	77	166798	62.125	ng		92
10) Phenol	8.05	94	359245	81.307	ng		92
11) bis(2-Chloroethyl)ether	8.32	93	293781	82.937	ng		94
12) 1,3-Dichlorobenzene	8.82	146	332190	61.650	ng		96
13) 1,4-Dichlorobenzene	8.97	146	329313	61.861	ng		98
14) 1,2-Dichlorobenzene	9.30	146	313372	58.365	ng		96
15) Benzyl Alcohol	9.16	79	264397	77.647	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.46	45	504965	132.458	ng		95
17) 2-Methylphenol	9.36	107	264101	84.401	ng		96
18) Hexachloroethane	10.06	117	118372	60.898	ng	#	84
19) n-Nitroso-di-n-propylamine	9.75	70	246551	80.726	ng	#	94
20) 3+4-Methylphenols	9.70	107	367754	77.760	ng		92
22) Acetophenone	9.78	105	459031	71.556	ng	#	94
24) Nitrobenzene	10.18	77	304569	61.292	ng		90
25) Isophorone	10.70	82	640703	70.808	ng		95
26) 2-Nitrophenol	10.90	139	118292	44.509	ng		89
27) 2,4-Dimethylphenol	10.93	122	279001	79.903	ng		90
28) bis(2-Chloroethoxy)methane	11.18	93	377111	81.527	ng		94
29) 2,4-Dichlorophenol	11.44	162	262058	51.278	ng		96
30) 1,2,4-Trichlorobenzene	11.67	180	303472	42.357	ng		97
31) Naphthalene	11.87	128	950960	64.929	ng		98
32) Benzoic acid	11.08	122	197966	77.794	ng	#	80
33) 4-Chloroaniline	11.96	127	427063	73.488	ng		95
34) Hexachlorobutadiene	12.14	225	173885	29.613	ng		98
35) Caprolactam	12.72	113	102694	70.761	ng	#	84
36) 4-Chloro-3-methylphenol	13.02	107	298812	65.003	ng		89
37) 2-Methylnaphthalene	13.42	142	684735	57.638	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	308089	39.923	ng	#	98
40) Hexachlorocyclopentadiene	13.75	237	170981	35.011	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	197253	51.212	ng		98
43) 2,4,5-Trichlorophenol	14.06	196	224682	46.809	ng	#	96
45) 1,1'-Biphenyl	14.39	154	877867	65.298	ng		94
46) 2-Chloronaphthalene	14.44	162	656942	61.752	ng		96
47) 2-Nitroaniline	14.63	65	173956	75.173	ng		88
48) Acenaphthylene	15.28	152	1061697	67.835	ng		97
49) Dimethylphthalate	14.98	163	831370	58.864	ng		100
50) 2,6-Dinitrotoluene	15.10	165	148164	50.938	ng		90
51) Acenaphthene	15.61	154	670647	62.744	ng		98
52) 3-Nitroaniline	15.43	138	181022	70.475	ng	#	89
53) 2,4-Dinitrophenol	15.62	184	40500	35.761	ng	#	1
54) Dibenzofuran	15.94	168	922800	58.028	ng		95
55) 4-Nitrophenol	15.70	139	135396	81.162	ng	#	79
56) 2,4-Dinitrotoluene	15.87	165	180425	45.019	ng	#	90
57) Fluorene	16.58	166	750630	57.397	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.15	232	177461m	39.269	ng		
59) Diethylphthalate	16.32	149	868004	63.163	ng		98
60) 4-Chlorophenyl-phenylether	16.56	204	379369	43.936	ng		92
61) 4-Nitroaniline	16.58	138	189798	71.670	ng		85
62) Azobenzene	16.85	77	782392	88.615	ng		97
64) 4,6-Dinitro-2-methylphenol	16.63	198	69542	30.307	ng		95
65) n-Nitrosodiphenylamine	16.77	169	695285	69.419	ng		97
66) 4-Bromophenyl-phenylether	17.45	248	227170	46.480	ng	#	90
67) Hexachlorobenzene	17.57	284	242663	46.227	ng	#	92
68) Atrazine	17.69	200	226368	52.694	ng		96
69) Pentachlorophenol	17.91	266	167668	52.173	ng		100
70) Phenanthrene	18.32	178	1159723	63.217	ng		97
71) Anthracene	18.41	178	1165204	62.075	ng		98
72) Carbazole	18.66	167	1131200	70.681	ng	#	96
73) Di-n-butylphthalate	19.17	149	1400321	77.709	ng		97
74) Fluoranthene	20.27	202	1248117	50.962	ng		92
76) Benzidine	20.42	184	550950	78.506	ng		97
77) Pyrene	20.62	202	1280529	72.221	ng		95
79) Butylbenzylphthalate	21.50	149	617781	105.769	ng		93
80) Benzo(a)anthracene	22.62	228	1167279	62.554	ng		98
81) 3,3'-Dichlorobenzidine	22.50	252	441381	63.336	ng	#	98
82) Chrysene	22.69	228	1124679	61.125	ng		97
83) Bis(2-ethylhexyl)phthalate	22.47	149	902726	107.177	ng	#	97
84) Di-n-octyl phthalate	23.91	149	1420687	107.508	ng		98
85) Indeno(1,2,3-cd)pyrene	30.92	276	1392573	63.889	ng		95
87) Benzo(b)fluoranthene	25.24	252	1183426	61.730	ng	#	97
88) Benzo(k)fluoranthene	25.32	252	1155563	58.242	ng	#	95
89) Benzo(a)pyrene	26.28	252	1131286	60.573	ng	#	95
90) Dibenzo(a,h)anthracene	31.02	278	1150835	61.895	ng	#	93
91) Benzo(g,h,i)perylene	32.33	276	1143641	63.628	ng	#	91

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

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