Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
Data File : BG036849.D
Acq On : 20 Sep 2018 18:45
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
9/21/2018 10:49:04 AM

Quant Time: Sep 20 19:21:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 18:05:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40006	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	197829	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	136572	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	338273	20.00	ng		0.00
75) Chrysene-d12	21.69	240	323092	20.00	ng		0.00
86) Perylene-d12	24.90	264	337614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	260277	103.20	ng		0.00
7) Phenol-d6	7.21	99	414092	114.68	ng		0.00
23) Nitrobenzene-d5	9.21	82	445018	122.05	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	202077	124.00	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1044490	109.20	ng		0.00
78) Terphenyl-d14	20.03	244	1357259	98.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56365	47.890	ng		98
3) Pyridine	3.93	79	178415	54.004	ng		98
4) n-Nitrosodimethylamine	3.84	42	73315	49.824	ng		98
6) Aniline	7.37	93	263096	57.403	ng		99
8) 2-Chlorophenol	7.62	128	150693	55.099	ng		97
9) Benzaldehyde	7.19	77	116326	46.783	ng		96
10) Phenol	7.24	94	216727	57.355	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	185337	61.867	ng		99
12) 1,3-Dichlorobenzene	7.94	146	174928	56.015	ng		99
13) 1,4-Dichlorobenzene	8.09	146	179976	57.081	ng		100
14) 1,2-Dichlorobenzene	8.40	146	174391	57.915	ng		98
15) Benzyl Alcohol	8.28	79	165311	56.791	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	353696	58.545	ng		98
17) 2-Methylphenol	8.49	107	145646	58.048	ng		96
18) Hexachloroethane	9.13	117	67927	60.089	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	168063	62.278	ng		96
20) 3+4-Methylphenols	8.82	107	206472	58.941	ng		99
22) Acetophenone	8.87	105	280336	53.964	ng	#	98
24) Nitrobenzene	9.25	77	236080	60.044	ng		98
25) Isophorone	9.78	82	414597	57.239	ng		98
26) 2-Nitrophenol	9.97	139	102625	65.869	ng		98
27) 2,4-Dimethylphenol	10.02	122	154204	53.459	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	247575	55.692	ng		98
29) 2,4-Dichlorophenol	10.50	162	183058	57.906	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	212906	57.570	ng		99
31) Naphthalene	10.91	128	553133	55.933	ng		99
32) Benzoic acid	10.19	122	116612m	58.453	ng		
33) 4-Chloroaniline	11.01	127	261968	57.808	ng		96
34) Hexachlorobutadiene	11.19	225	146196	58.838	ng		97
35) Caprolactam	11.80	113	71781	56.999	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	214802	58.477	ng		99
37) 2-Methylnaphthalene	12.50	142	426651	58.962	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	282013	58.350	ng		98
40) Hexachlorocyclopentadiene	12.85	237	155835	61.970	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	168777	57.327	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	180519	57.486	ng		98
45) 1,1'-Biphenyl	13.51	154	607743	53.609	ng		98
46) 2-Chloronaphthalene	13.56	162	483319	55.846	ng		99
47) 2-Nitroaniline	13.76	65	174900	64.356	ng		98
48) Acenaphthylene	14.40	152	749552	55.417	ng		100
49) Dimethylphthalate	14.13	163	631662	56.642	ng		98
50) 2,6-Dinitrotoluene	14.25	165	146175	63.700	ng		90
51) Acenaphthene	14.74	154	453025	52.298	ng		99
52) 3-Nitroaniline	14.58	138	153862	62.220	ng		94
53) 2,4-Dinitrophenol	14.79	184	64538	74.250	ng		98
54) Dibenzofuran	15.08	168	760404	56.031	ng		99
55) 4-Nitrophenol	14.89	139	101677	50.288	ng		96
56) 2,4-Dinitrotoluene	15.04	165	200744	67.122	ng		94
57) Fluorene	15.72	166	566897	55.878	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	173184	58.699	ng		97
59) Diethylphthalate	15.49	149	632199	56.252	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	367554	58.672	ng		99
61) 4-Nitroaniline	15.75	138	159909	61.796	ng		98
62) Azobenzene	16.01	77	614550	53.743	ng		99
64) 4,6-Dinitro-2-methylphenol	15.81	198	115142	77.486	ng		95
65) n-Nitrosodiphenylamine	15.93	169	559633	55.678	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	237254	59.905	ng		97
67) Hexachlorobenzene	16.73	284	239401	59.115	ng		97
68) Atrazine	16.87	200	220925	58.558	ng		99
69) Pentachlorophenol	17.07	266	161538	58.691	ng		98
70) Phenanthrene	17.46	178	946990	55.094	ng		98
71) Anthracene	17.56	178	938008	54.745	ng		99
72) Carbazole	17.83	167	905277	52.904	ng		99
73) Di-n-butylphthalate	18.38	149	999647	52.462	ng		100
74) Fluoranthene	19.47	202	1103798	52.671	ng		99
76) Benzidine	19.65	184	534775	51.879	ng		99
77) Pyrene	19.83	202	1113205	56.029	ng		98
79) Butylbenzylphthalate	20.71	149	455423	57.598	ng		98
80) Benzo(a)anthracene	21.67	228	1072831	54.810	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	428438	54.922	ng		98
82) Chrysene	21.74	228	1030417	55.539	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	623120	56.316	ng		99
84) Di-n-octyl phthalate	22.78	149	1033699	55.932	ng		98
85) Indeno(1,2,3-cd)pyrene	28.56	276	1184359	54.961	ng	#	97
87) Benzo(b)fluoranthene	23.88	252	1046236	55.806	ng		98
88) Benzo(k)fluoranthene	23.95	252	1035380	56.530	ng		98
89) Benzo(a)pyrene	24.75	252	1023604	56.819	ng		99
90) Dibenzo(a,h)anthracene	28.63	278	966922	55.596	ng		100
91) Benzo(g,h,i)perylene	29.71	276	982992	56.243	ng		96

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

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