Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
Data File : BG044683.D
Acq On : 5 Mar 2020 14:05
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
mohammad
3/6/2020 10:17:29 PM

Quant Time: Mar 05 16:11:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 15:55:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61616	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	265716	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	185738	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	420751	20.00	ng	0.00
76) Chrysene-d12	21.72	240	362321	20.00	ng	0.00
87) Perylene-d12	24.94	264	434905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	317602	82.70	ng	0.00
7) Phenol-d6	7.21	99	474186	90.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	432226	83.80	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	193059	73.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1017359	78.44	ng	0.00
79) Terphenyl-d14	20.06	244	1598618	83.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	74632	44.535	ng	100
3) Pyridine	3.92	79	235652	50.397	ng	100
4) n-Nitrosodimethylamine	3.83	42	99482	56.016	ng	100
6) Aniline	7.38	93	296135	46.271	ng	100
8) 2-Chlorophenol	7.62	128	157632	37.602	ng	100
9) Benzaldehyde	7.19	77	145144	46.957	ng	100
10) Phenol	7.24	94	234595	46.053	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	178766	41.744	ng	100
12) 1,3-Dichlorobenzene	7.95	146	190189	38.038	ng	100
13) 1,4-Dichlorobenzene	8.09	146	186953	37.205	ng	100
14) 1,2-Dichlorobenzene	8.42	146	177686	37.184	ng	100
15) Benzyl Alcohol	8.29	79	205906	58.081	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.59	45	341679	59.368	ng	100
17) 2-Methylphenol	8.49	107	157652	43.321	ng	100
18) Hexachloroethane	9.15	117	75746	41.247	ng	100
19) n-Nitroso-di-n-propylamine	8.87	70	174869	51.753	ng	100
20) 3+4-Methylphenols	8.82	107	225152	45.190	ng	100
22) Acetophenone	8.88	105	287491	43.094	ng	100
24) Nitrobenzene	9.26	77	229858	46.000	ng	100
25) Isophorone	9.79	82	481657	49.920	ng	100
26) 2-Nitrophenol	9.97	139	72141	26.621	ng	100
27) 2,4-Dimethylphenol	10.03	122	149564	39.307	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	269848	42.292	ng	100
29) 2,4-Dichlorophenol	10.51	162	172943	38.017	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	200412	38.094	ng	100
31) Naphthalene	10.92	128	551415	38.031	ng	100
32) Benzoic acid	10.16	122	108328	73.350	ng	100
33) 4-Chloroaniline	11.01	127	251148	39.327	ng	100
34) Hexachlorobutadiene	11.22	225	136568	41.335	ng	100
35) Caprolactam	11.78	113	69512	42.685	ng	100
36) 4-Chloro-3-methylphenol	12.14	107	216834	46.306	ng	100
37) 2-Methylnaphthalene	12.52	142	422618	39.439	ng	100
38) 1-Methylnaphthalene	12.74	142	393922	38.688	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	225414	36.050	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	131833	53.445 ng	100
43) 2,4,6-Trichlorophenol	13.12	196	159497	39.285 ng	100
44) 2,4,5-Trichlorophenol	13.19	196	163389	39.176 ng	100
46) 1,1'-Biphenyl	13.53	154	562624	36.604 ng	100
47) 2-Chloronaphthalene	13.57	162	427033	35.430 ng	100
48) 2-Nitroaniline	13.76	65	139447	41.678 ng	100
49) Acenaphthylene	14.42	152	681896	38.326 ng	100
50) Dimethylphthalate	14.15	163	582698	38.869 ng	100
51) 2,6-Dinitrotoluene	14.26	165	103406	31.275 ng	100
52) Acenaphthene	14.76	154	435567	38.405 ng	100
53) 3-Nitroaniline	14.59	138	119471	33.505 ng	100
54) 2,4-Dinitrophenol	14.79	184	46833	29.478 ng	100
55) Dibenzofuran	15.09	168	662440	38.100 ng	100
56) 4-Nitrophenol	14.88	139	89938	36.668 ng	100
57) 2,4-Dinitrotoluene	15.04	165	136063	29.271 ng	100
58) Fluorene	15.74	166	545369	39.560 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	154826m	40.312 ng	
60) Diethylphthalate	15.52	149	621168	41.818 ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	292761	39.057 ng	100
62) 4-Nitroaniline	15.74	138	131522	36.836 ng	100
63) Azobenzene	16.03	77	643648	50.915 ng	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	61121	23.461 ng	100
66) n-Nitrosodiphenylamine	15.95	169	484917	36.948 ng	100
67) 4-Bromophenyl-phenylether	16.64	248	204047	39.069 ng	100
68) Hexachlorobenzene	16.75	284	219578	37.186 ng	100
69) Atrazine	16.90	200	193692	39.921 ng	100
70) Pentachlorophenol	17.09	266	125192	51.175 ng	100
71) Phenanthrene	17.48	178	882293	37.876 ng	100
72) Anthracene	17.58	178	874829	38.109 ng	100
73) Carbazole	17.84	167	824099	39.439 ng	100
74) Di-n-butylphthalate	18.42	149	1054221	40.262 ng	100
75) Fluoranthene	19.49	202	1072743	38.902 ng	100
77) Benzidine	19.66	184	582018	46.894 ng	100
78) Pyrene	19.85	202	1072683	40.784 ng	100
80) Butylbenzylphthalate	20.75	149	475461	41.328 ng	100
81) Benzo(a)anthracene	21.70	228	1040249	40.850 ng	100
82) 3,3'-Dichlorobenzidine	21.61	252	422053	41.952 ng	100
83) Chrysene	21.77	228	998603	40.559 ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	667733	42.123 ng	100
85) Di-n-octyl phthalate	22.87	149	1135194	40.702 ng	100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1292913	40.918 ng	100
88) Benzo(b)fluoranthene	23.93	252	1095458	38.310 ng	100
89) Benzo(k)fluoranthene	24.00	252	1070772	38.594 ng	100
90) Benzo(a)pyrene	24.80	252	1036112	38.566 ng	100
91) Dibenzo(a,h)anthracene	28.69	278	1038782	39.096 ng	100
92) Benzo(g,h,i)perylene	29.76	276	1029774	38.683 ng	100

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

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