Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
Data File : BG044711.D
Acq On : 10 Mar 2020 12:28
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/11/2020 4:56:50 PM

Quant Time: Mar 10 14:15:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 14:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	105800	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	427783	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	292450	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	650014	20.00	ng	0.00
76) Chrysene-d12	21.71	240	560868	20.00	ng	0.00
87) Perylene-d12	24.93	264	670523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	539397	76.57	ng	0.00
7) Phenol-d6	7.21	99	774914	72.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	749402	79.76	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	291635	72.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1573118	74.93	ng	0.00
79) Terphenyl-d14	20.05	244	2267887	72.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	130772	38.727	ng	100
3) Pyridine	3.92	79	391898	37.432	ng	100
4) n-Nitrosodimethylamine	3.83	42	150231	33.922	ng	100
6) Aniline	7.38	93	488310	36.606	ng	100
8) 2-Chlorophenol	7.62	128	262740	36.798	ng	100
9) Benzaldehyde	7.19	77	235662	37.705	ng	100
10) Phenol	7.24	94	379629	36.191	ng	100
11) bis(2-Chloroethyl)ether	7.47	93	304314	37.756	ng	100
12) 1,3-Dichlorobenzene	7.95	146	325967	38.388	ng	100
13) 1,4-Dichlorobenzene	8.09	146	322720	38.041	ng	100
14) 1,2-Dichlorobenzene	8.42	146	304886	38.020	ng	100
15) Benzyl Alcohol	8.29	79	314691	34.256	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.59	45	545412	35.817	ng	100
17) 2-Methylphenol	8.49	107	260740	36.278	ng	100
18) Hexachloroethane	9.15	117	128139	37.660	ng	100
19) n-Nitroso-di-n-propylamine	8.86	70	280259	35.231	ng	100
20) 3+4-Methylphenols	8.82	107	367774	36.731	ng	100
22) Acetophenone	8.88	105	461144	36.926	ng	100
24) Nitrobenzene	9.26	77	386796	38.829	ng	100
25) Isophorone	9.79	82	729251	35.196	ng	100
26) 2-Nitrophenol	9.97	139	126864	38.945	ng	100
27) 2,4-Dimethylphenol	10.03	122	235172	36.178	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	439313	37.662	ng	100
29) 2,4-Dichlorophenol	10.51	162	281085	38.004	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	325656	37.904	ng	100
31) Naphthalene	10.92	128	905625	37.723	ng	100
32) Benzoic acid	10.16	122	156784	34.391	ng	100
33) 4-Chloroaniline	11.01	127	404422	36.575	ng	100
34) Hexachlorobutadiene	11.22	225	218457	37.217	ng	100
35) Caprolactam	11.79	113	109095	35.334	ng	100
36) 4-Chloro-3-methylphenol	12.14	107	336476	35.923	ng	100
37) 2-Methylnaphthalene	12.52	142	688807	38.021	ng	100
38) 1-Methylnaphthalene	12.74	142	645558	37.694	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	363523	38.290	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.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	196474	35.390	ng	100
43) 2,4,6-Trichlorophenol	13.12	196	243079	36.933	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	248174	36.768	ng	100
46) 1,1'-Biphenyl	13.53	154	891097	38.310	ng	100
47) 2-Chloronaphthalene	13.57	162	675733	38.085	ng	100
48) 2-Nitroaniline	13.76	65	237175	39.635	ng	100
49) Acenaphthylene	14.42	152	1065020	37.466	ng	100
50) Dimethylphthalate	14.15	163	885628	36.426	ng	100
51) 2,6-Dinitrotoluene	14.26	165	181781	41.609	ng	100
52) Acenaphthene	14.76	154	685387	37.289	ng	100
53) 3-Nitroaniline	14.58	138	211501	42.009	ng	100
54) 2,4-Dinitrophenol	14.78	184	75853	37.395	ng	100
55) Dibenzofuran	15.09	168	1012355	36.758	ng	100
56) 4-Nitrophenol	14.88	139	157206	40.131	ng	100
57) 2,4-Dinitrotoluene	15.04	165	249273	42.702	ng	100
58) Fluorene	15.74	166	827259	36.316	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	235546m	36.666	ng	
60) Diethylphthalate	15.51	149	931450	35.834	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	441659	35.731	ng	100
62) 4-Nitroaniline	15.74	138	220618	39.784	ng	100
63) Azobenzene	16.03	77	959981	35.290	ng	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	103268	38.888	ng	100
66) n-Nitrosodiphenylamine	15.94	169	747542	37.614	ng	100
67) 4-Bromophenyl-phenylether	16.63	248	303375	37.006	ng	100
68) Hexachlorobenzene	16.75	284	329163	37.185	ng	100
69) Atrazine	16.90	200	286123	37.254	ng	100
70) Pentachlorophenol	17.08	266	190143	37.855	ng	100
71) Phenanthrene	17.48	178	1325617	37.193	ng	100
72) Anthracene	17.57	178	1313109	37.405	ng	100
73) Carbazole	17.84	167	1259467	37.462	ng	100
74) Di-n-butylphthalate	18.41	149	1566929	37.007	ng	100
75) Fluoranthene	19.49	202	1595870	37.048	ng	100
77) Benzidine	19.66	184	784213	35.026	ng	100
78) Pyrene	19.84	202	1597752	37.348	ng	100
80) Butylbenzylphthalate	20.74	149	717704	37.586	ng	100
81) Benzo(a)anthracene	21.69	228	1559138	37.069	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	617876	36.896	ng	100
83) Chrysene	21.76	228	1486121	37.121	ng	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	979503	36.784	ng	100
85) Di-n-octyl phthalate	22.85	149	1662764	36.361	ng	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	1929163	36.486	ng	100
88) Benzo(b)fluoranthene	23.92	252	1695384	37.150	ng	100
89) Benzo(k)fluoranthene	23.99	252	1557997	36.422	ng	100
90) Benzo(a)pyrene	24.79	252	1557482	36.644	ng	100
91) Dibenzo(a,h)anthracene	28.68	278	1539188	36.317	ng	100
92) Benzo(g,h,i)perylene	29.74	276	1549999	36.511	ng	100

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

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