Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044168.D
Acq On : 23 Jan 2020 15:39
Operator : JU
Sample : L1230-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Manual Integrations APPROVED
mohammad
1/24/2020 1:53:37 PM

Quant Time: Jan 24 05:31:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82841	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	367371	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	242950	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	503999	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	419263	20.00	ng	-0.03
87) Perylene-d12	24.66	264	482629	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	622303	137.93	ng	-0.03
7) Phenol-d6	7.10	99	832214	131.96	ng	-0.02
23) Nitrobenzene-d5	9.09	82	505782	73.65	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	313002	123.11	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1120666	83.57	ng	-0.03
79) Terphenyl-d14	19.92	244	1577461	92.94	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	81444	41.401	ng	98
3) Pyridine	3.79	79	203198	34.965	ng	96
4) n-Nitrosodimethylamine	3.71	42	104743	40.482	ng	99
6) Aniline	7.25	93	191405	23.107	ng	98
8) 2-Chlorophenol	7.50	128	271221	51.206	ng	99
9) Benzaldehyde	7.06	77	127980	31.707	ng	98
10) Phenol	7.13	94	370867	57.076	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	238810	42.577	ng	98
12) 1,3-Dichlorobenzene	7.82	146	267438	43.148	ng	97
13) 1,4-Dichlorobenzene	7.97	146	264801	43.299	ng	99
14) 1,2-Dichlorobenzene	8.28	146	251334	42.816	ng	100
15) Benzyl Alcohol	8.16	79	222837	44.771	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	326693	37.648	ng	99
17) 2-Methylphenol	8.38	107	227909	48.469	ng	98
18) Hexachloroethane	9.02	117	99912	41.986	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	193777	41.259	ng	97
20) 3+4-Methylphenols	8.71	107	314739	47.981	ng	99
22) Acetophenone	8.75	105	360337	39.454	ng	99
24) Nitrobenzene	9.13	77	277433	40.790	ng	98
25) Isophorone	9.65	82	532256	41.312	ng	100
26) 2-Nitrophenol	9.84	139	145603	45.248	ng	99
27) 2,4-Dimethylphenol	9.91	122	255142	52.673	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	340397	39.630	ng	97
29) 2,4-Dichlorophenol	10.38	162	263809	45.658	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	262553	40.527	ng	98
31) Naphthalene	10.78	128	780415	43.899	ng	99
32) Benzoic acid	10.06	122	123868	33.567	ng	95
33) 4-Chloroaniline	10.89	127	107163	12.638	ng	98
34) Hexachlorobutadiene	11.08	225	152443	38.540	ng	99
35) Caprolactam	11.65	113	98136m	45.625	ng	
36) 4-Chloro-3-methylphenol	12.02	107	285646	46.439	ng	99
37) 2-Methylnaphthalene	12.39	142	587829	43.920	ng	97
38) 1-Methylnaphthalene	12.61	142	567291	44.722	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	280556	39.399	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	348179	94.313 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	210722	43.007 ng	97
44) 2,4,5-Trichlorophenol	13.08	196	228503	45.217 ng	98
46) 1,1'-Biphenyl	13.40	154	749439	43.024 ng	98
47) 2-Chloronaphthalene	13.44	162	585220	41.577 ng	99
48) 2-Nitroaniline	13.63	65	181110	40.000 ng	98
49) Acenaphthylene	14.29	152	927728	45.857 ng	97
50) Dimethylphthalate	14.02	163	889224	51.548 ng	98
51) 2,6-Dinitrotoluene	14.13	165	170338	43.688 ng	95
52) Acenaphthene	14.63	154	573807	40.444 ng	99
53) 3-Nitroaniline	14.46	138	91337	20.629 ng	96
54) 2,4-Dinitrophenol	14.67	184	172626	86.433 ng	98
55) Dibenzofuran	14.96	168	887649	45.448 ng	99
56) 4-Nitrophenol	14.79	139	304112	89.631 ng	96
57) 2,4-Dinitrotoluene	14.92	165	234851	44.267 ng	98
58) Fluorene	15.62	166	695211	44.909 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	194660	44.796 ng	98
60) Diethylphthalate	15.39	149	753217	43.655 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	359387	42.754 ng	98
62) 4-Nitroaniline	15.63	138	170329	38.956 ng	95
63) Azobenzene	15.90	77	707061	44.188 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	134105	51.310 ng	96
66) n-Nitrosodiphenylamine	15.82	169	645398	43.484 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	229549	40.496 ng	99
68) Hexachlorobenzene	16.63	284	248406	40.669 ng	98
69) Atrazine	16.77	200	234984	48.707 ng	98
70) Pentachlorophenol	16.97	266	270820	80.434 ng	99
71) Phenanthrene	17.35	178	1081536	44.739 ng	97
72) Anthracene	17.44	178	1109749	46.450 ng	97
73) Carbazole	17.71	167	979912	44.403 ng	97
74) Di-n-butylphthalate	18.28	149	1226617	43.534 ng	97
75) Fluoranthene	19.36	202	1229789	44.482 ng	98
77) Benzidine	19.54	184	377247	35.797 ng	98
78) Pyrene	19.72	202	1234695	45.116 ng	96
80) Butylbenzylphthalate	20.62	149	571159	43.837 ng	95
81) Benzo(a)anthracene	21.54	228	1180348	45.403 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	236873	23.063 ng	98
83) Chrysene	21.60	228	1113849	45.091 ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	811021	45.113 ng	97
85) Di-n-octyl phthalate	22.64	149	1407189	46.560 ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1450901	43.219 ng	100
88) Benzo(b)fluoranthene	23.68	252	1210440	42.424 ng	98
89) Benzo(k)fluoranthene	23.75	252	1234988	45.518 ng	97
90) Benzo(a)pyrene	24.52	252	1151205	42.750 ng	97
91) Dibenzo(a,h)anthracene	28.25	278	1202543	44.465 ng	97
92) Benzo(g,h,i)perylene	29.28	276	1224058	45.565 ng	97

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

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