Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043906.D
Acq On : 4 Jan 2020 3:06
Operator : JU
Sample : PB125879BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125879BS

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:56 AM

Quant Time: Jan 04 06:07:47 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	7.96	152	134085	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	595733	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	374799	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	840667	20.00	ng	0.00
76) Chrysene-d12	21.59	240	794132	20.00	ng	0.00
87) Perylene-d12	24.72	264	765050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	974586	133.46	ng	0.00
7) Phenol-d6	7.14	99	1359452	133.18	ng	0.01
23) Nitrobenzene-d5	9.12	82	806234	72.40	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	505072	128.77	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1733258	83.79	ng	0.00
79) Terphenyl-d14	19.95	244	2321521	66.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	111299	34.955	ng	98
3) Pyridine	3.83	79	308894	32.839	ng	98
4) n-Nitrosodimethylamine	3.74	42	151813	36.251	ng	98
6) Aniline	7.29	93	359466	26.811	ng	99
8) 2-Chlorophenol	7.54	128	370159	43.177	ng	99
9) Benzaldehyde	7.09	77	81372	12.455	ng	97
10) Phenol	7.17	94	463548	44.075	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	347678	38.297	ng	99
12) 1,3-Dichlorobenzene	7.85	146	365394	36.422	ng	97
13) 1,4-Dichlorobenzene	8.00	146	371742	37.555	ng	99
14) 1,2-Dichlorobenzene	8.32	146	354636	37.325	ng	99
15) Benzyl Alcohol	8.20	79	327252	40.621	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	520734	37.075	ng	98
17) 2-Methylphenol	8.41	107	323526	42.508	ng	98
18) Hexachloroethane	9.05	117	138704	36.011	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	285647	37.576	ng	98
20) 3+4-Methylphenols	8.74	107	455514	42.903	ng	98
22) Acetophenone	8.78	105	530839	35.842	ng	98
24) Nitrobenzene	9.16	77	394454	35.764	ng	98
25) Isophorone	9.69	82	782772	37.467	ng	99
26) 2-Nitrophenol	9.87	139	206908	39.651	ng	98
27) 2,4-Dimethylphenol	9.94	122	361488	46.020	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	501468	36.003	ng	98
29) 2,4-Dichlorophenol	10.41	162	381508	40.718	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	369386	35.161	ng	99
31) Naphthalene	10.81	128	1091783	37.872	ng	100
32) Benzoic acid	10.07	122	197353	33.089	ng	98
33) 4-Chloroaniline	10.92	127	277629	20.191	ng	98
34) Hexachlorobutadiene	11.11	225	213416	33.272	ng	98
35) Caprolactam	11.69	113	142397m	40.825	ng	
36) 4-Chloro-3-methylphenol	12.05	107	416484	41.755	ng	99
37) 2-Methylnaphthalene	12.42	142	842396	38.813	ng	98
38) 1-Methylnaphthalene	12.64	142	806844	39.224	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	396682	36.110	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	470656	82.640	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	306618	40.564	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	329911	42.318	ng	97
46) 1,1'-Biphenyl	13.43	154	1070790	39.847	ng	98
47) 2-Chloronaphthalene	13.47	162	838400	38.610	ng	99
48) 2-Nitroaniline	13.67	65	277845	39.777	ng	98
49) Acenaphthylene	14.32	152	1333376	42.722	ng	99
50) Dimethylphthalate	14.05	163	1089970	40.958	ng	100
51) 2,6-Dinitrotoluene	14.16	165	253542	42.152	ng	98
52) Acenaphthene	14.66	154	841443	38.444	ng	98
53) 3-Nitroaniline	14.49	138	199937	29.271	ng	98
54) 2,4-Dinitrophenol	14.70	184	260884	84.783	ng	99
55) Dibenzofuran	15.00	168	1273394	42.262	ng	99
56) 4-Nitrophenol	14.81	139	457387	87.383	ng	99
57) 2,4-Dinitrotoluene	14.95	165	353102	43.142	ng	99
58) Fluorene	15.64	166	1017496	42.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	298146	44.475	ng	98
60) Diethylphthalate	15.42	149	1134882	42.637	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	524888	40.477	ng	99
62) 4-Nitroaniline	15.66	138	277265	41.105	ng	98
63) Azobenzene	15.93	77	1061113	42.986	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	183835	42.951	ng	95
66) n-Nitrosodiphenylamine	15.85	169	957561	38.679	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	339404	35.897	ng	96
68) Hexachlorobenzene	16.65	284	359317	35.269	ng	99
69) Atrazine	16.80	200	320964	39.885	ng	99
70) Pentachlorophenol	16.99	266	649052	115.569	ng	99
71) Phenanthrene	17.38	178	1605498	39.816	ng	99
72) Anthracene	17.47	178	1617466	40.589	ng	100
73) Carbazole	17.74	167	1508204	40.972	ng	99
74) Di-n-butylphthalate	18.31	149	1843910	39.234	ng	100
75) Fluoranthene	19.39	202	1802554	39.089	ng	100
77) Benzidine	19.56	184	576784	28.896	ng	97
78) Pyrene	19.75	202	1804346	34.809	ng	99
80) Butylbenzylphthalate	20.64	149	897898	36.383	ng	99
81) Benzo(a)anthracene	21.57	228	1761970	35.782	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	456928	23.487	ng	100
83) Chrysene	21.64	228	1642732	35.109	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1237797	36.350	ng	99
85) Di-n-octyl phthalate	22.69	149	2101547	36.710	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2176358	34.226	ng	98
88) Benzo(b)fluoranthene	23.73	252	1834980	40.572	ng	99
89) Benzo(k)fluoranthene	23.80	252	1820110	42.320	ng	99
90) Benzo(a)pyrene	24.57	252	1806683	42.324	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1788530	41.719	ng	100
92) Benzo(g,h,i)perylene	29.37	276	1795933	42.174	ng	100

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

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