Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044425.D
Acq On : 13 Feb 2020 19:58
Operator : CG/JU
Sample : L1510-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
2/17/2020 3:45:26 PM

Quant Time: Feb 14 03:16:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	69017	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	318372	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	223769	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	487220	20.00	ng	0.00
76) Chrysene-d12	21.53	240	440229	20.00	ng	0.00
87) Perylene-d12	24.62	264	474164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	322792	82.54	ng	0.00
7) Phenol-d6	7.07	99	440503	83.88	ng	0.00
23) Nitrobenzene-d5	9.06	82	252774	44.82	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	175979	66.99	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	530916	39.73	ng	0.00
79) Terphenyl-d14	19.90	244	781815	36.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	73454	41.806	ng	99
3) Pyridine	3.75	79	195673	41.800	ng	97
4) n-Nitrosodimethylamine	3.67	42	101055	51.661	ng	98
6) Aniline	7.23	93	263619	40.442	ng	100
8) 2-Chlorophenol	7.47	128	269508	62.706	ng	97
9) Benzaldehyde	7.03	77	108572	36.301	ng	97
10) Phenol	7.10	94	342601	65.921	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	237295	53.406	ng	98
12) 1,3-Dichlorobenzene	7.79	146	260136	50.693	ng	98
13) 1,4-Dichlorobenzene	7.94	146	261357	51.423	ng	100
14) 1,2-Dichlorobenzene	8.25	146	254036	52.881	ng	99
15) Benzyl Alcohol	8.14	79	224061	60.266	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.44	45	314551	52.305	ng	99
17) 2-Methylphenol	8.35	107	231812	62.516	ng	98
18) Hexachloroethane	8.99	117	93853	49.209	ng	96
19) n-Nitroso-di-n-propylamine	8.71	70	194056	55.447	ng	97
20) 3+4-Methylphenols	8.68	107	326312	63.854	ng	98
22) Acetophenone	8.72	105	362756	46.837	ng	99
24) Nitrobenzene	9.10	77	275161	49.981	ng	99
25) Isophorone	9.63	82	550516	52.376	ng	100
26) 2-Nitrophenol	9.82	139	156400	54.750	ng	100
27) 2,4-Dimethylphenol	9.88	122	269692	66.880	ng	100
28) bis(2-Chloroethoxy)methane	10.11	93	343380	48.972	ng	100
29) 2,4-Dichlorophenol	10.36	162	275638	56.530	ng	100
30) 1,2,4-Trichlorobenzene	10.57	180	262702	46.987	ng	99
31) Naphthalene	10.75	128	786584	50.923	ng	100
32) Benzoic acid	10.05	122	102031	41.244	ng	99
33) 4-Chloroaniline	10.86	127	161664	23.012	ng	99
34) Hexachlorobutadiene	11.05	225	151618	44.072	ng	99
35) Caprolactam	11.64	113	111601m	62.482	ng	
36) 4-Chloro-3-methylphenol	12.00	107	306724	59.999	ng	97
37) 2-Methylnaphthalene	12.37	142	607394	52.961	ng	99
38) 1-Methylnaphthalene	12.58	142	576569	53.324	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	297597	44.459	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	12.72	237	340870	106.130 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	229965	53.151 ng	99
44) 2,4,5-Trichlorophenol	13.05	196	247127	55.921 ng	99
46) 1,1'-Biphenyl	13.38	154	783789	48.560 ng	100
47) 2-Chloronaphthalene	13.42	162	610435	47.527 ng	100
48) 2-Nitroaniline	13.62	65	190890	50.360 ng	98
49) Acenaphthylene	14.27	152	974661	51.737 ng	99
50) Dimethylphthalate	14.00	163	843336	52.429 ng	100
51) 2,6-Dinitrotoluene	14.11	165	187906	52.393 ng	98
52) Acenaphthene	14.61	154	608878	49.864 ng	99
53) 3-Nitroaniline	14.45	138	114498	28.856 ng	96
54) 2,4-Dinitrophenol	14.65	184	180095	84.293 ng	98
55) Dibenzofuran	14.94	168	945152	51.124 ng	100
56) 4-Nitrophenol	14.77	139	320972	110.433 ng	99
57) 2,4-Dinitrotoluene	14.91	165	262291	52.180 ng	99
58) Fluorene	15.59	166	749508	51.473 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	216960	54.353 ng	99
60) Diethylphthalate	15.36	149	821281	51.242 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	394288	49.940 ng	99
62) 4-Nitroaniline	15.61	138	186339	46.998 ng	97
63) Azobenzene	15.88	77	735789	52.380 ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	146366	54.422 ng	98
66) n-Nitrosodiphenylamine	15.80	169	718603	52.629 ng	100
67) 4-Bromophenyl-phenylether	16.48	248	268577	50.597 ng	98
68) Hexachlorobenzene	16.60	284	291228	48.971 ng	99
69) Atrazine	16.75	200	268276	57.324 ng	97
70) Pentachlorophenol	16.94	266	293861	97.020 ng	97
71) Phenanthrene	17.33	178	1201980	50.947 ng	100
72) Anthracene	17.42	178	1235954	52.988 ng	99
73) Carbazole	17.69	167	1089109	50.649 ng	99
74) Di-n-butylphthalate	18.25	149	1328367	49.990 ng	100
75) Fluoranthene	19.34	202	1377906	50.487 ng	99
77) Benzidine	19.52	184	471757	38.634 ng	98
78) Pyrene	19.70	202	1371019	48.494 ng	99
80) Butylbenzylphthalate	20.59	149	621166	48.213 ng	98
81) Benzo(a)anthracene	21.52	228	1337020	49.279 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	350810	33.315 ng	99
83) Chrysene	21.58	228	1279250	48.779 ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	873158	49.238 ng	100
85) Di-n-octyl phthalate	22.60	149	1533322	49.974 ng	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1678518	49.058 ng	99
88) Benzo(b)fluoranthene	23.65	252	1417476	51.879 ng	99
89) Benzo(k)fluoranthene	23.71	252	1395042	52.386 ng	100
90) Benzo(a)pyrene	24.48	252	1324466	51.269 ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1379749	53.967 ng	99
92) Benzo(g,h,i)perylene	29.22	276	1417515	55.385 ng	98

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

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