Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043911.D
Acq On : 4 Jan 2020 7:40
Operator : JU
Sample : PB125896BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125896BSD

Manual Integrations APPROVED
mohammad
1/6/2020 11:42:01 AM

Quant Time: Jan 06 04:44:50 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	7.97	152	171217	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	821337	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	551073	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	1170252	20.00	ng	0.00
76) Chrysene-d12	21.60	240	996716	20.00	ng	0.00
87) Perylene-d12	24.72	264	927734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	912444	97.85	ng	0.00
7) Phenol-d6	7.14	99	1229351	94.31	ng	0.01
23) Nitrobenzene-d5	9.12	82	1227979	79.98	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	458132	79.44	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2411098	79.27	ng	0.00
79) Terphenyl-d14	19.96	244	3058883	70.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	136812	33.649	ng	99
3) Pyridine	3.83	79	320919	26.718	ng	97
4) n-Nitrosodimethylamine	3.74	42	212147	39.671	ng	97
6) Aniline	7.28	93	564065	32.947	ng	99
8) 2-Chlorophenol	7.53	128	575625	52.582	ng	99
9) Benzaldehyde	7.10	77	66355	7.954	ng	93
10) Phenol	7.16	94	718348	53.489	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	530557	45.767	ng	99
12) 1,3-Dichlorobenzene	7.85	146	521976	40.746	ng	99
13) 1,4-Dichlorobenzene	8.00	146	531267	42.031	ng	100
14) 1,2-Dichlorobenzene	8.32	146	520115	42.870	ng	100
15) Benzyl Alcohol	8.20	79	502554	48.852	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	780372	43.511	ng	99
17) 2-Methylphenol	8.41	107	507392	52.209	ng	99
18) Hexachloroethane	9.05	117	205310	41.744	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	432704	44.576	ng	97
20) 3+4-Methylphenols	8.74	107	699179	51.571	ng	99
22) Acetophenone	8.78	105	787855	38.584	ng	98
24) Nitrobenzene	9.16	77	615688	40.489	ng	98
25) Isophorone	9.69	82	1182037	41.037	ng	98
26) 2-Nitrophenol	9.87	139	328743	45.695	ng	98
27) 2,4-Dimethylphenol	9.95	122	562791	51.968	ng	100
28) bis(2-Chloroethoxy)methane	10.17	93	747688	38.936	ng	100
29) 2,4-Dichlorophenol	10.42	162	582718	45.109	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	564249	38.956	ng	98
31) Naphthalene	10.81	128	1610910	40.530	ng	98
32) Benzoic acid	10.10	122	274404	33.317	ng	99
33) 4-Chloroaniline	10.92	127	426529	22.499	ng	100
34) Hexachlorobutadiene	11.11	225	323141	36.541	ng	99
35) Caprolactam	11.70	113	226237m	47.045	ng	
36) 4-Chloro-3-methylphenol	12.05	107	617680	44.916	ng	98
37) 2-Methylnaphthalene	12.42	142	1246159	41.645	ng	98
38) 1-Methylnaphthalene	12.64	142	1186255	41.828	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	591906	36.646	ng	99

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QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	594382	70.981 ng		98
43) 2,4,6-Trichlorophenol	13.03	196	462773	41.639 ng		98
44) 2,4,5-Trichlorophenol	13.11	196	487404	42.521 ng		99
46) 1,1'-Biphenyl	13.44	154	1542040	39.028 ng		96
47) 2-Chloronaphthalene	13.48	162	1219081	38.183 ng		98
48) 2-Nitroaniline	13.67	65	411549	40.072 ng		98
49) Acenaphthylene	14.32	152	1860879	40.551 ng		97
50) Dimethylphthalate	14.06	163	1541937	39.407 ng		99
51) 2,6-Dinitrotoluene	14.16	165	375341	42.441 ng		96
52) Acenaphthene	14.66	154	1205394	37.456 ng		98
53) 3-Nitroaniline	14.49	138	301903	30.061 ng		95
54) 2,4-Dinitrophenol	14.70	184	386923	85.474 ng		97
55) Dibenzofuran	15.00	168	1771477	39.987 ng		95
56) 4-Nitrophenol	14.82	139	730288	94.892 ng		99
57) 2,4-Dinitrotoluene	14.96	165	519010	43.129 ng		99
58) Fluorene	15.64	166	1420545	40.456 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	433636	43.995 ng		100
60) Diethylphthalate	15.42	149	1588415	40.587 ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	756780	39.691 ng		97
62) 4-Nitroaniline	15.66	138	409215	41.261 ng		98
63) Azobenzene	15.93	77	1502612	41.401 ng		96
65) 4,6-Dinitro-2-methylphenol	15.72	198	286165	47.511 ng		98
66) n-Nitrosodiphenylamine	15.85	169	1355088	39.321 ng		97
67) 4-Bromophenyl-phenylether	16.53	248	495756	37.666 ng		98
68) Hexachlorobenzene	16.65	284	532642	37.557 ng		99
69) Atrazine	16.81	200	513786	45.865 ng		99
70) Pentachlorophenol	17.00	266	655643	83.864 ng		99
71) Phenanthrene	17.38	178	2184384	38.916 ng		94
72) Anthracene	17.47	178	2245502	40.479 ng		95
73) Carbazole	17.74	167	2106667	41.112 ng		96
74) Di-n-butylphthalate	18.31	149	2462811	37.644 ng		96
75) Fluoranthene	19.39	202	2444591	38.081 ng		94
77) Benzidine	19.56	184	1038726	41.461 ng		98
78) Pyrene	19.75	202	2449780	37.654 ng		92
80) Butylbenzylphthalate	20.64	149	1251933	40.418 ng		98
81) Benzo(a)anthracene	21.57	228	2445188	39.564 ng		95
82) 3,3'-Dichlorobenzidine	21.49	252	832683	34.103 ng		97
83) Chrysene	21.64	228	2313503	39.395 ng		93
84) Bis(2-ethylhexyl)phthalate	21.50	149	1687412	39.482 ng	#	95
85) Di-n-octyl phthalate	22.69	149	2888721	40.205 ng		97
86) Indeno(1,2,3-cd)pyrene	28.28	276	3259439	40.841 ng		98
88) Benzo(b)fluoranthene	23.73	252	2715998	49.521 ng		98
89) Benzo(k)fluoranthene	23.81	252	2575137	49.375 ng		96
90) Benzo(a)pyrene	24.58	252	2526044	48.799 ng		99
91) Dibenzo(a,h)anthracene	28.35	278	2681150	51.574 ng		99
92) Benzo(g,h,i)perylene	29.39	276	2736594	52.995 ng		99

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

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