Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043091.D
Acq On : 8 Oct 2019 18:39
Operator : JU
Sample : K5141-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MSD

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:58 AM

Quant Time: Oct 09 02:18:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64073	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	236077	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	170205	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	401332	20.00	ng		0.00
76) Chrysene-d12	21.69	240	432355	20.00	ng		0.00
87) Perylene-d12	24.91	264	509235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	464787	129.46	ng		0.00
7) Phenol-d6	7.24	99	662345	128.11	ng		0.00
23) Nitrobenzene-d5	9.22	82	412573	84.94	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	411280	140.52	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1007085	85.78	ng		0.00
79) Terphenyl-d14	20.03	244	1941836	95.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51940	34.698	ng	#	52
3) Pyridine	3.96	79	146198	34.725	ng		90
4) n-Nitrosodimethylamine	3.86	42	80982	39.999	ng	#	77
6) Aniline	7.39	93	178866	28.659	ng		99
8) 2-Chlorophenol	7.63	128	179064	47.824	ng		97
9) Benzaldehyde	7.20	77	85059	26.923	ng		80
10) Phenol	7.27	94	250794	52.871	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	165216	45.016	ng		94
12) 1,3-Dichlorobenzene	7.95	146	187119	39.176	ng		98
13) 1,4-Dichlorobenzene	8.09	146	195100	40.975	ng		98
14) 1,2-Dichlorobenzene	8.41	146	180514	39.821	ng		91
15) Benzyl Alcohol	8.30	79	173598	44.660	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	225676	32.018	ng		95
17) 2-Methylphenol	8.51	107	156989	47.299	ng		98
18) Hexachloroethane	9.15	117	69403	38.703	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	138442	40.779	ng		89
20) 3+4-Methylphenols	8.83	107	214080	47.066	ng		95
22) Acetophenone	8.88	105	266829	43.848	ng		94
24) Nitrobenzene	9.26	77	204875	44.222	ng		97
25) Isophorone	9.78	82	393561	46.130	ng		97
26) 2-Nitrophenol	9.97	139	104901	53.190	ng		98
27) 2,4-Dimethylphenol	10.04	122	173220	57.192	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	213414	44.089	ng		96
29) 2,4-Dichlorophenol	10.51	162	194872	51.733	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	211149	43.407	ng		99
31) Naphthalene	10.91	128	534035	45.954	ng		98
32) Benzoic acid	10.20	122	116154	49.040	ng		97
33) 4-Chloroaniline	11.04	127	25072	4.972	ng	#	91
34) Hexachlorobutadiene	11.20	225	148125	40.668	ng		98
35) Caprolactam	11.80	113	62200m	46.824	ng		
36) 4-Chloro-3-methylphenol	12.15	107	211189	51.564	ng		93
37) 2-Methylnaphthalene	12.51	142	409621	46.204	ng		98
38) 1-Methylnaphthalene	12.73	142	387113	46.146	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	266251	41.605	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	355809	87.261 ng		96
43) 2,4,6-Trichlorophenol	13.12	196	186259	49.726 ng		96
44) 2,4,5-Trichlorophenol	13.19	196	199625	51.734 ng		98
46) 1,1'-Biphenyl	13.52	154	552333	42.792 ng		99
47) 2-Chloronaphthalene	13.56	162	437087	45.166 ng		97
48) 2-Nitroaniline	13.76	65	145434	45.192 ng		93
49) Acenaphthylene	14.40	152	702180	47.420 ng		97
50) Dimethylphthalate	14.13	163	871500	68.338 ng		99
51) 2,6-Dinitrotoluene	14.25	165	138226	50.897 ng		92
52) Acenaphthene	14.75	154	425832	42.963 ng		99
53) 3-Nitroaniline	14.59	138	77300	27.542 ng		94
54) 2,4-Dinitrophenol	14.79	184	133546	79.110 ng		90
55) Dibenzofuran	15.08	168	685997	46.787 ng		98
56) 4-Nitrophenol	14.90	139	223316	104.427 ng		91
57) 2,4-Dinitrotoluene	15.04	165	194862	48.997 ng		94
58) Fluorene	15.73	166	581617	46.463 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202009m	49.169 ng		
60) Diethylphthalate	15.49	149	599062	46.158 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	334753	44.590 ng		99
62) 4-Nitroaniline	15.75	138	142673	46.610 ng		99
63) Azobenzene	16.01	77	509717	43.137 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	114326	50.342 ng		90
66) n-Nitrosodiphenylamine	15.93	169	523445	49.407 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	240585	47.763 ng		97
68) Hexachlorobenzene	16.73	284	265833	47.398 ng		99
69) Atrazine	16.88	200	202115	45.304 ng		97
70) Pentachlorophenol	17.08	266	319765	98.808 ng		98
71) Phenanthrene	17.47	178	938842	47.917 ng		98
72) Anthracene	17.55	178	963380	49.252 ng		99
73) Carbazole	17.82	167	895131	49.350 ng		99
74) Di-n-butylphthalate	18.38	149	1034135	47.785 ng		99
75) Fluoranthene	19.47	202	1238151	47.777 ng		100
77) Benzidine	19.65	184	552832	51.066 ng		99
78) Pyrene	19.83	202	1235633	47.882 ng		99
80) Butylbenzylphthalate	20.71	149	483683	49.380 ng		96
81) Benzo(a)anthracene	21.67	228	1286594	47.758 ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	331795	31.402 ng		98
83) Chrysene	21.74	228	1225993	46.896 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	682436	48.963 ng		99
85) Di-n-octyl phthalate	22.79	149	1166762	51.193 ng		96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1650146	50.702 ng	#	95
88) Benzo(b)fluoranthene	23.89	252	1385056	48.069 ng		99
89) Benzo(k)fluoranthene	23.96	252	1349213	47.333 ng		100
90) Benzo(a)pyrene	24.76	252	1355476	49.862 ng		99
91) Dibenzo(a,h)anthracene	28.63	278	1396200	50.086 ng		99
92) Benzo(g,h,i)perylene	29.72	276	1370722	50.750 ng		96

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

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