Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120061.D
Acq On : 17 Apr 2020 16:08
Operator : MA/SJ
Sample : L2271-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Manual Integrations APPROVED
mohammad
4/21/2020 8:22:33 AM

Quant Time: Apr 18 03:08:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194775	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	738110	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	340515	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	522964	20.00	ng		0.00
76) Chrysene-d12	13.90	240	308156	20.00	ng		0.00
87) Perylene-d12	15.33	264	290625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1014699	90.03	ng		0.02
7) Phenol-d6	6.37	99	1266599	87.22	ng		0.00
23) Nitrobenzene-d5	7.30	82	864719	60.61	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	288594	69.22	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1624682	67.74	ng		0.00
79) Terphenyl-d14	12.85	244	1181143	64.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	218940	43.615	ng		97
3) Pyridine	3.17	79	606706	44.051	ng		99
4) n-Nitrosodimethylamine	3.14	42	350620	49.825	ng		97
6) Aniline	6.40	93	553339	29.030	ng	#	81
8) 2-Chlorophenol	6.52	128	707609	56.191	ng		97
9) Benzaldehyde	6.27	77	321384	42.261	ng		99
10) Phenol	6.39	94	879667	53.392	ng		93
11) bis(2-Chloroethyl)ether	6.47	93	687500	54.043	ng		99
12) 1,3-Dichlorobenzene	6.67	146	708438	51.386	ng		99
13) 1,4-Dichlorobenzene	6.75	146	714257	50.859	ng		100
14) 1,2-Dichlorobenzene	6.90	146	666095	51.465	ng		99
15) Benzyl Alcohol	6.88	79	572586	50.762	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1146407	46.311	ng		89
17) 2-Methylphenol	7.00	107	553186	49.224	ng		96
18) Hexachloroethane	7.24	117	255861	48.749	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	478405	51.228	ng		97
20) 3+4-Methylphenols	7.15	107	682110	49.628	ng		94
22) Acetophenone	7.15	105	928949	53.746	ng	#	97
24) Nitrobenzene	7.32	77	727081	50.658	ng		100
25) Isophorone	7.56	82	1334817	48.532	ng		100
26) 2-Nitrophenol	7.63	139	370743	51.703	ng		95
27) 2,4-Dimethylphenol	7.68	122	575810	53.244	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	854541	52.801	ng		99
29) 2,4-Dichlorophenol	7.88	162	546152	49.269	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	607383	48.357	ng		99
31) Naphthalene	8.04	128	1901917	48.975	ng		99
32) Benzoic acid	7.84	122	457459	48.164	ng		96
33) 4-Chloroaniline	8.10	127	239072	14.141	ng		96
34) Hexachlorobutadiene	8.16	225	355488	47.280	ng		100
35) Caprolactam	8.48	113	165717m	48.871	ng		
36) 4-Chloro-3-methylphenol	8.59	107	587505	48.952	ng		99
37) 2-Methylnaphthalene	8.73	142	1258718	47.809	ng		98
38) 1-Methylnaphthalene	8.83	142	1178252	47.480	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	559392	52.013	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	251626	41.145	ng		95
43) 2,4,6-Trichlorophenol	9.02	196	390821	52.623	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	403223	48.205	ng		99
46) 1,1'-Biphenyl	9.20	154	1464989	50.971	ng		98
47) 2-Chloronaphthalene	9.22	162	1130036	51.038	ng		98
48) 2-Nitroaniline	9.32	65	390448	48.663	ng		98
49) Acenaphthylene	9.64	152	1684770	50.035	ng		99
50) Dimethylphthalate	9.51	163	1594534	60.540	ng		98
51) 2,6-Dinitrotoluene	9.57	165	284104	49.258	ng		89
52) Acenaphthene	9.81	154	1079614m	48.065	ng		
53) 3-Nitroaniline	9.73	138	166638	25.297	ng		93
54) 2,4-Dinitrophenol	9.84	184	145601	42.165	ng		94
55) Dibenzofuran	9.98	168	1502206	48.737	ng		100
56) 4-Nitrophenol	9.91	139	408426	83.331	ng		98
57) 2,4-Dinitrotoluene	9.97	165	341549	44.947	ng		94
58) Fluorene	10.33	166	1126127	45.684	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	298538	46.665	ng		99
60) Diethylphthalate	10.20	149	1354644	49.624	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	566307	44.823	ng		98
62) 4-Nitroaniline	10.35	138	246500	39.266	ng		97
63) Azobenzene	10.47	77	1188139	48.567	ng		98
65) 4,6-Dinitro-2-methylphenol	10.38	198	96297	27.950	ng		99
66) n-Nitrosodiphenylamine	10.44	169	1025088	58.939	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	334993	51.509	ng		94
68) Hexachlorobenzene	10.87	284	333753	50.587	ng		97
69) Atrazine	10.97	200	295099	60.983	ng		96
70) Pentachlorophenol	11.07	266	337336	88.724	ng		99
71) Phenanthrene	11.29	178	1397898	50.225	ng		99
72) Anthracene	11.34	178	1443482	50.768	ng		99
73) Carbazole	11.49	167	1249446	46.469	ng		99
74) Di-n-butylphthalate	11.83	149	1855272	52.487	ng		99
75) Fluoranthene	12.47	202	1287362	42.868	ng		98
77) Benzidine	12.60	184	385761	37.033	ng		97
78) Pyrene	12.70	202	1262456	48.597	ng		99
80) Butylbenzylphthalate	13.33	149	610080	48.398	ng		99
81) Benzo(a)anthracene	13.89	228	1018879	50.259	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	247236	32.685	ng		95
83) Chrysene	13.93	228	1037706	50.377	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	836188	48.985	ng	#	98
85) Di-n-octyl phthalate	14.50	149	1452561	49.976	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	884121	48.692	ng		98
88) Benzo(b)fluoranthene	14.92	252	1086169m	51.953	ng		
89) Benzo(k)fluoranthene	14.95	252	885875	49.109	ng		99
90) Benzo(a)pyrene	15.27	252	880592	50.095	ng		100
91) Dibenzo(a,h)anthracene	16.74	278	736566	47.304	ng		98
92) Benzo(g,h,i)perylene	17.14	276	693887	45.146	ng		96

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

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